

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008165.D
 Acq On : 18 Mar 2019 14:28
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Quant Time: Mar 19 02:37:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	53008	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	294831	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	259309	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	133488	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.13	95	132466	30.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.03%
63) Toluene-d8	8.71	98	377522	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	46421	19.544	ug/l 100
3) Chloromethane	1.33	50	56393	18.836	ug/l 98
4) Vinyl Chloride	1.41	62	57426	18.600	ug/l 99
5) Bromomethane	1.64	94	38491	15.654	ug/l 98
6) Chloroethane	1.73	64	35661	18.477	ug/l 93
7) Trichlorofluoromethane	1.93	101	72277	18.593	ug/l 100
8) Diethyl Ether	2.19	74	40398	19.247	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	52643	19.965	ug/l 92
10) 1,1-Dichloroethene	2.38	96	48759	19.576	ug/l 90
11) Methyl Iodide	2.51	142	60314	19.025	ug/l 98
12) Methyl Acetate	2.78	43	78843	19.340	ug/l 97
13) Acrolein	2.29	56	58349	93.071	ug/l 97
14) Acrylonitrile	3.14	53	173013	95.641	ug/l 100
15) Acetone	2.45	58	51752	89.038	ug/l 89
16) Carbon Disulfide	2.57	76	152229	19.171	ug/l 100
17) Allyl chloride	2.73	41	103429	18.998	ug/l 98
18) Methylene Chloride	2.86	84	55999	19.294	ug/l 89
19) trans-1,2-Dichloroethene	3.17	96	52295	19.543	ug/l 87
20) Diisopropyl ether	3.85	45	206298	19.349	ug/l # 82
21) 1,1-Dichloroethane	3.70	63	105894	19.462	ug/l 95
22) cis-1,2-Dichloroethene	4.60	96	58647	19.225	ug/l # 81
23) tert-Butyl Alcohol	3.04	59	63375	95.091	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	173626	19.215	ug/l 96
25) Chloroform	5.21	83	99990	19.480	ug/l 98
26) Cyclohexane	5.58	56	101689	19.603	ug/l # 84
29) 1,1-Dichloropropene	5.80	75	76032	19.377	ug/l 92
30) 2-Butanone	4.67	43	258491	93.975	ug/l 94
31) 2,2-Dichloropropane	4.59	77	76661	19.371	ug/l 93
32) 1,1,1-Trichloroethane	5.50	97	81003	19.489	ug/l # 95
33) Carbon Tetrachloride	5.79	117	67310	19.297	ug/l 95
34) Benzene	6.15	78	229439	19.554	ug/l # 97
35) Methacrylonitrile	5.04	41	51482	19.237	ug/l 93
36) 1,2-Dichloroethane	6.20	62	82080	19.273	ug/l 98
37) Trichloroethene	7.21	130	54299	19.420	ug/l 88
38) Methylcyclohexane	7.46	83	95134	19.960	ug/l 89
39) 1,2-Dichloropropane	7.51	63	62890	19.680	ug/l 99
40) Dibromomethane	7.66	93	37965	19.405	ug/l 90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	72157	19.073	ug/l	99
42) Vinyl Acetate	3.82	43	898421	97.119	ug/l #	94
44) Isopropyl Acetate	6.45	43	145550	19.243	ug/l	97
45) 1,4-Dioxane	7.74	88	27193	384.851	ug/l #	82
46) Methyl methacrylate	7.77	41	76336	19.127	ug/l	90
47) n-amyl Acetate	10.90	43	124410	19.248	ug/l	96
48) t-1,3-Dichloropropene	9.04	75	77824	18.611	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	86803	18.659	ug/l	93
50) 1,1,2-Trichloroethane	9.21	97	56694	20.183	ug/l	95
51) Ethyl methacrylate	9.18	69	86713	19.042	ug/l	92
52) 1,3-Dichloropropane	9.37	76	99679	19.818	ug/l	98
53) Dibromochloromethane	9.58	129	50997	18.776	ug/l	99
54) 1,2-Dibromoethane	9.67	107	57528	19.623	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	331407	102.222	ug/l	95
56) Bromoform	10.85	173	36546	18.702	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	494507	99.713	ug/l	96
59) 2-Hexanone	9.49	43	379058	96.876	ug/l	96
61) Tetrachloroethene	9.34	164	51915	19.879	ug/l	97
62) Toluene	8.78	91	240283	19.593	ug/l	99
64) Chlorobenzene	10.13	112	144287	19.769	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.22	131	49432	19.315	ug/l	98
66) Ethyl Benzene	10.25	91	255539	19.509	ug/l	96
67) m/p-Xylenes	10.36	106	186995	38.644	ug/l	89
68) o-Xylene	10.69	106	91309	19.637	ug/l	91
69) Styrene	10.71	104	147333	19.452	ug/l	96
70) Isopropylbenzene	11.02	105	247670	19.754	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	88587	20.171	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	103345	27.288	ug/l	90
73) Bromobenzene	11.26	156	57668	19.430	ug/l	80
74) n-propylbenzene	11.36	91	290876	19.595	ug/l	95
75) 2-Chlorotoluene	11.42	91	172400	19.770	ug/l	91
76) 1,3,5-Trimethylbenzene	11.51	105	205639	19.834	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24942	18.328	ug/l	96
78) 4-Chlorotoluene	11.51	91	196526	19.564	ug/l	91
79) tert-butylbenzene	12.06	119	210056	19.895	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	207810	19.857	ug/l	94
81) sec-Butylbenzene	11.94	105	246391	19.899	ug/l	96
82) p-Isopropyltoluene	12.06	119	210056	19.895	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	104182	19.587	ug/l	95
84) 1,4-Dichlorobenzene	12.10	146	105017	19.894	ug/l	97
85) n-Butylbenzene	12.38	91	192168	19.303	ug/l	97
86) Hexachloroethane	12.60	117	34698	19.172	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	104540	19.725	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18362	18.880	ug/l #	73
89) 1,2,4-Trichlorobenzene	13.65	180	67052	19.422	ug/l	99
90) Hexachlorobutadiene	13.78	225	35800	19.982	ug/l	98
91) Naphthalene	13.83	128	215623	19.283	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	67950	19.706	ug/l	99

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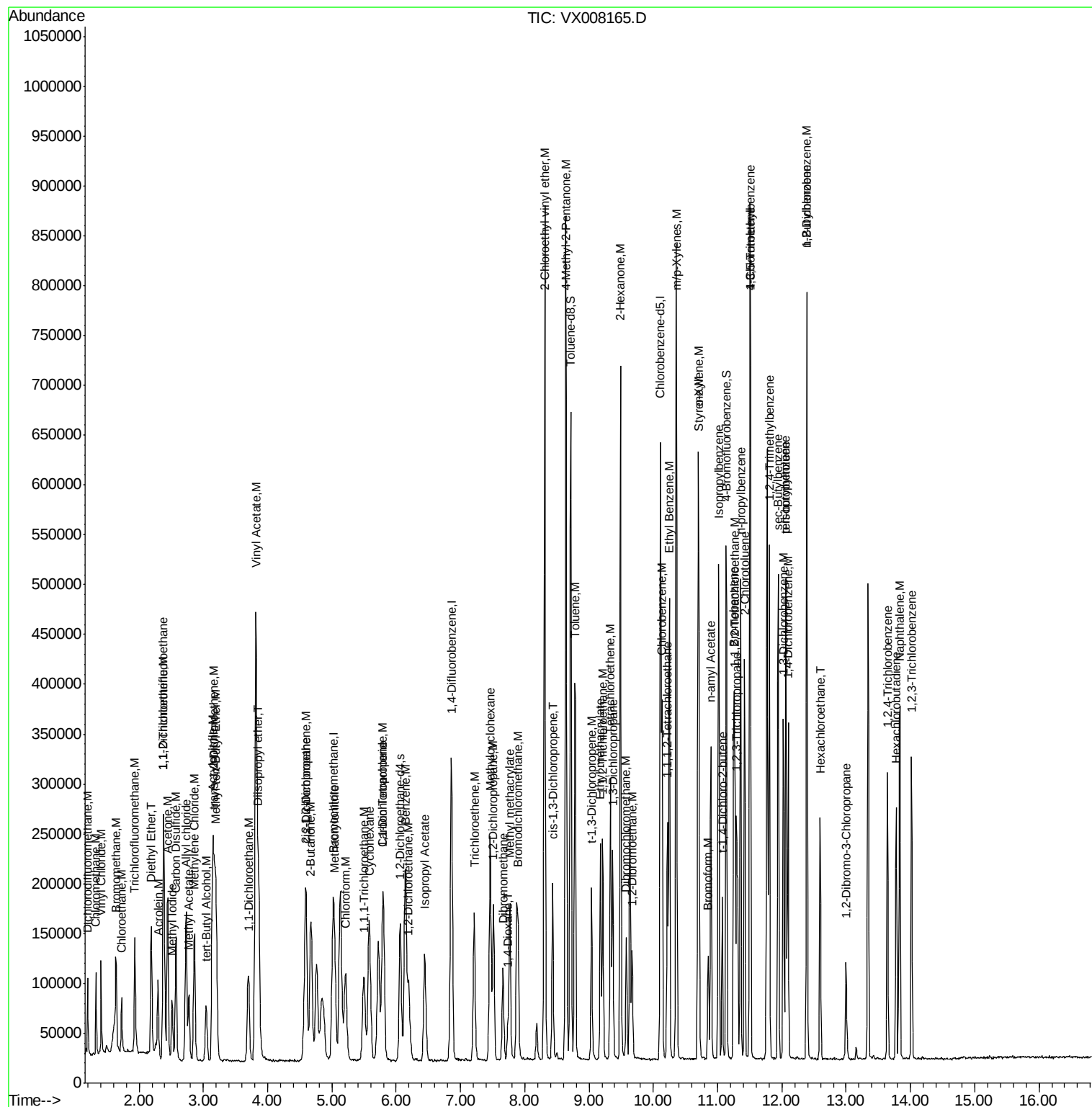
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

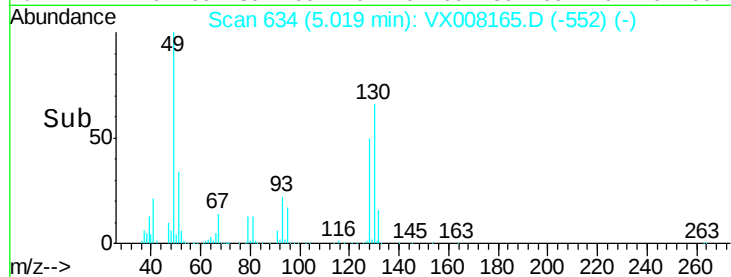
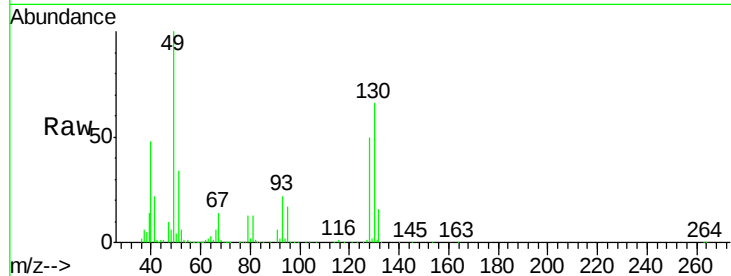
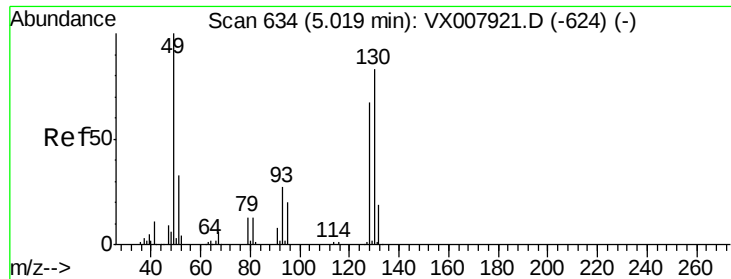
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

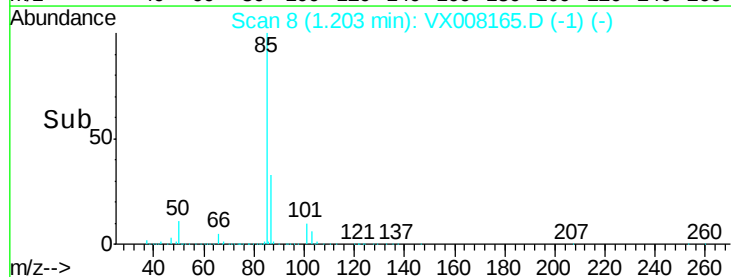
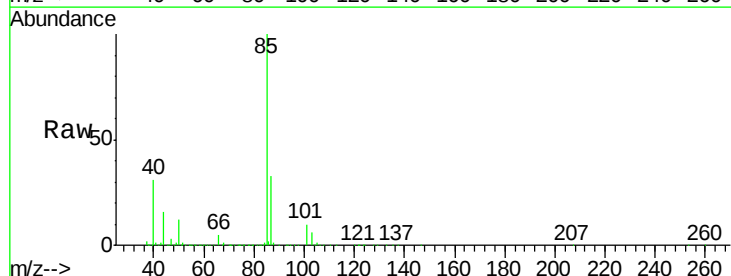
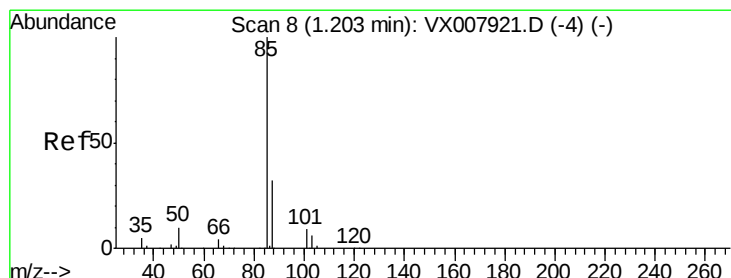
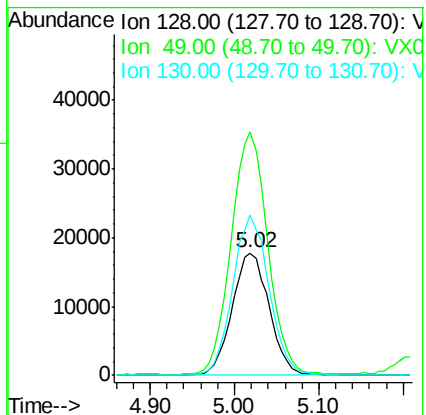
Tot Ion:128 Resp: 53008

Ion Ratio Lower Upper

128 100

49 193.9 0.0 350.8

130 128.5 0.0 325.8



#2

Dichlorodifluoromethane

Concen: 19.544 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008165.D

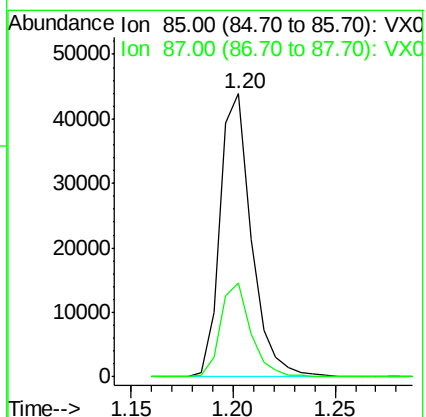
Acq: 18 Mar 2019 14:28

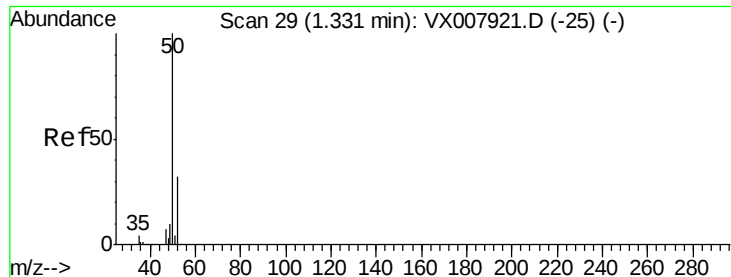
Tgt Ion: 85 Resp: 46421

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8





#3

Chloromethane

Concen: 18.836 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

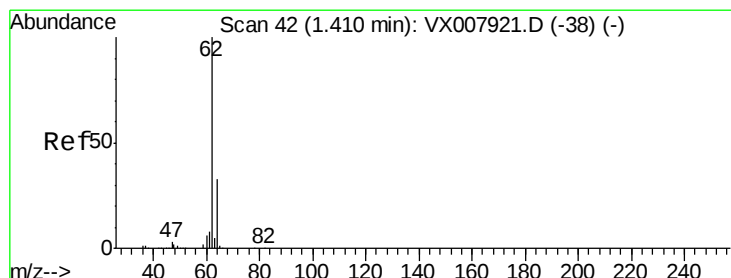
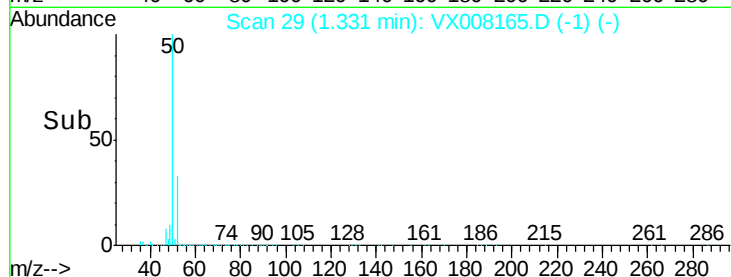
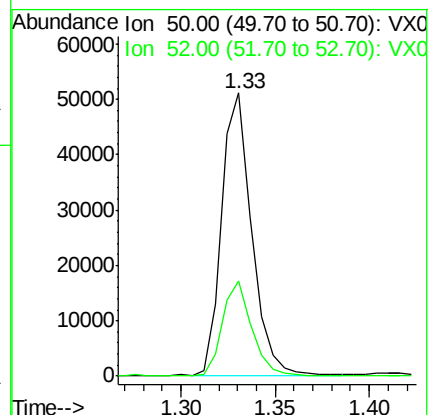
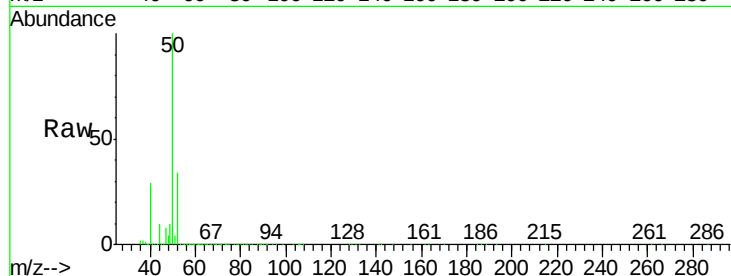
ICVVX031819

Tot Ion: 50 Resp: 56393

Ion Ratio Lower Upper

50 100

52 33.2 27.5 41.3



#4

Vinyl Chloride

Concen: 18.600 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008165.D

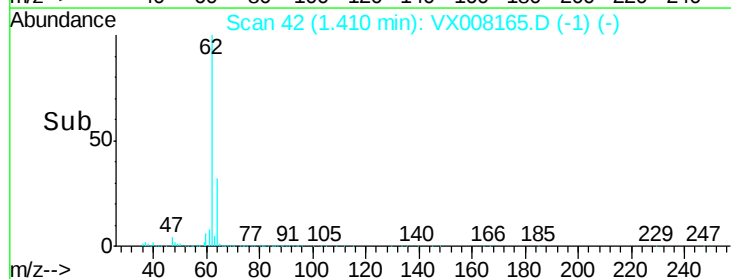
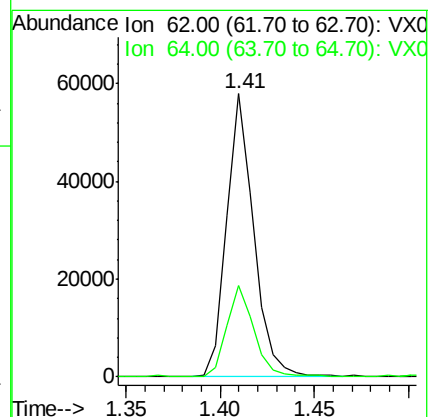
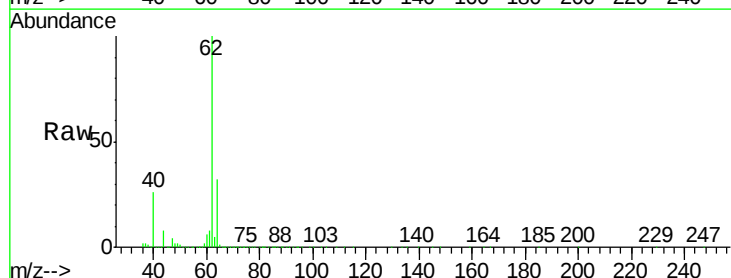
Acq: 18 Mar 2019 14:28

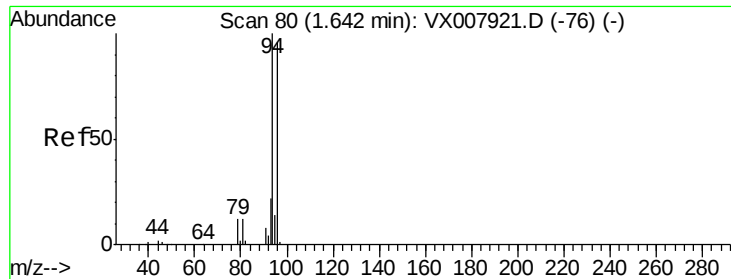
Tgt Ion: 62 Resp: 57426

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 15.654 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

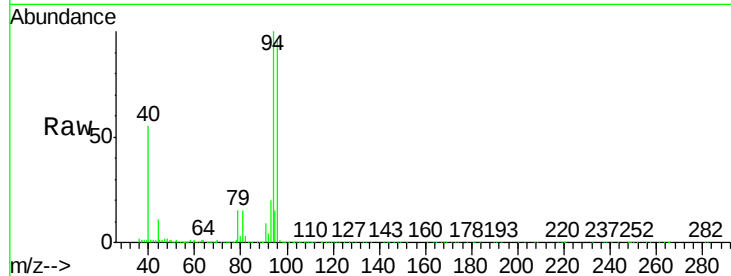
ICVVX031819

Tot Ion: 94 Resp: 38491

Ion Ratio Lower Upper

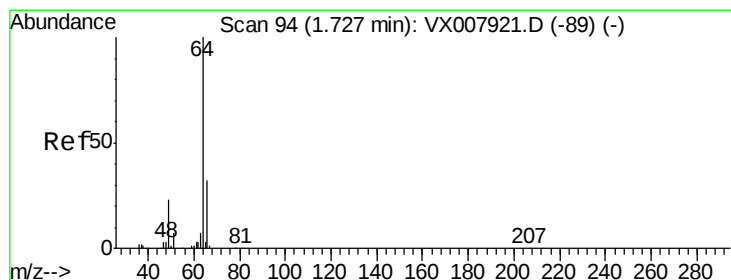
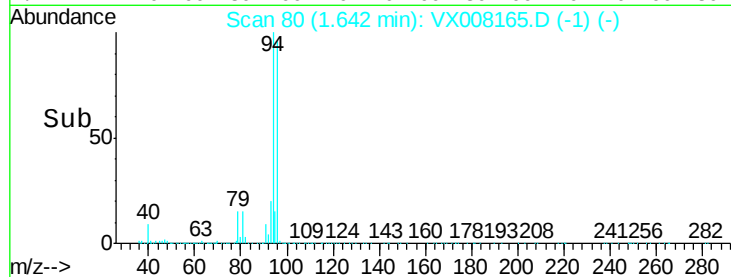
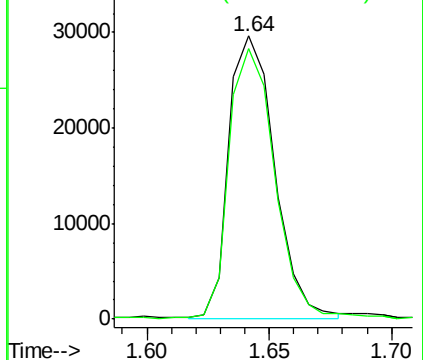
94 100

96 96.1 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.477 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX008165.D

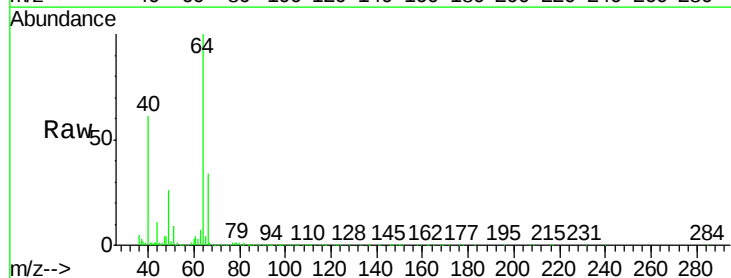
Acq: 18 Mar 2019 14:28

Tgt Ion: 64 Resp: 35661

Ion Ratio Lower Upper

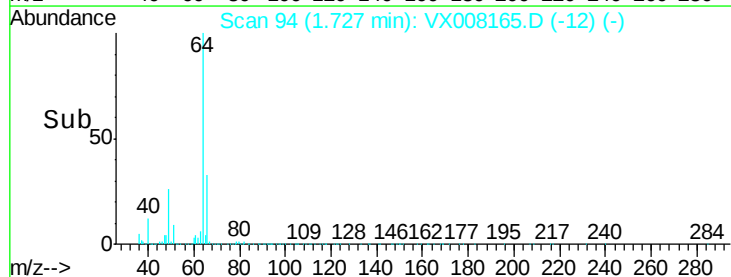
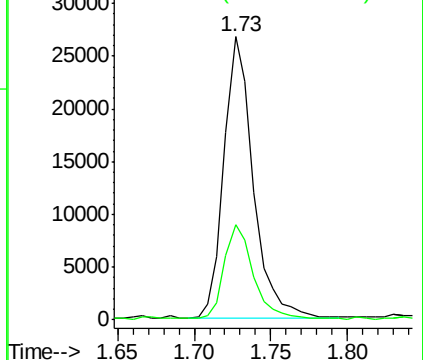
64 100

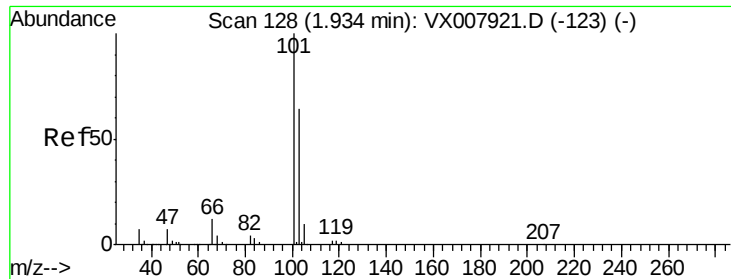
66 33.5 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



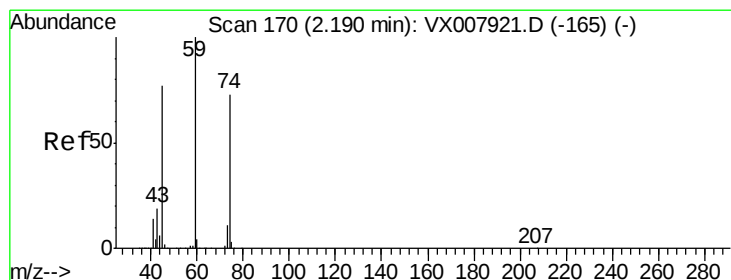
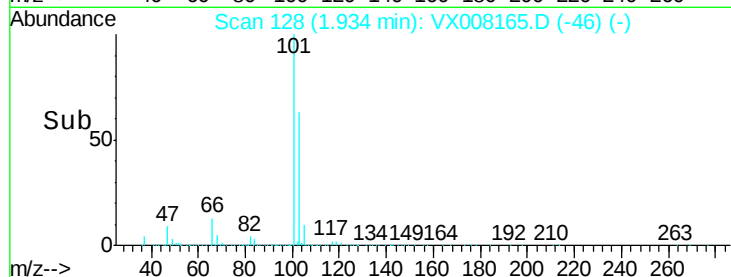
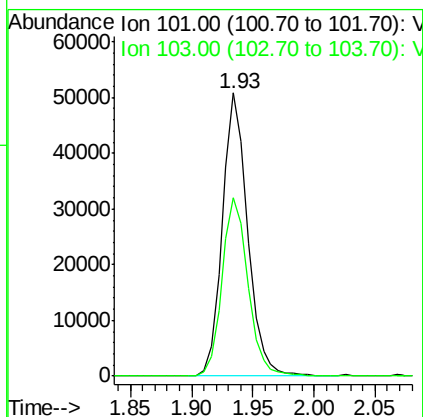
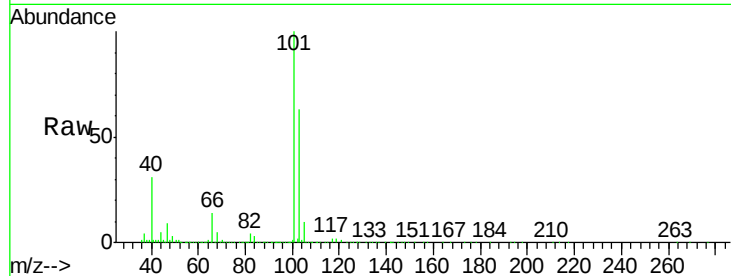


#7

Trichlorofluoromethane
Concen: 18.593 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

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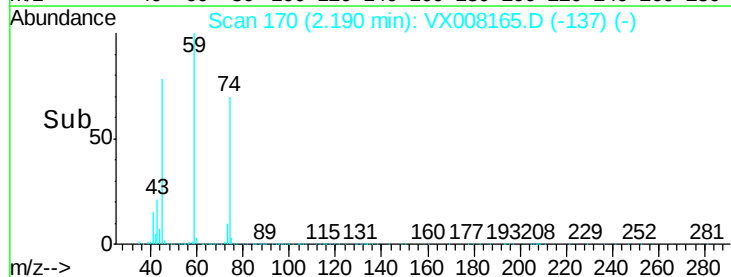
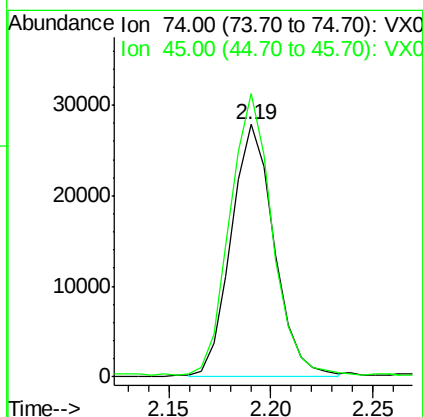
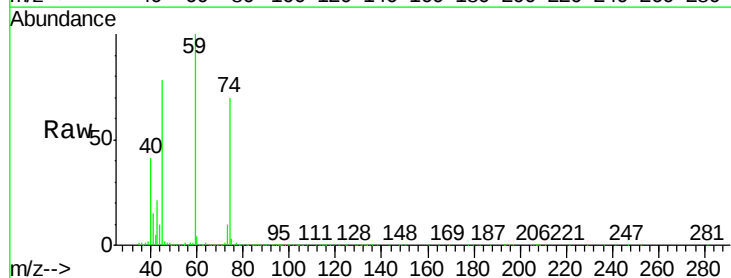
Tot Ion:101 Resp: 72277
Ion Ratio Lower Upper
101 100
103 63.1 50.4 75.6

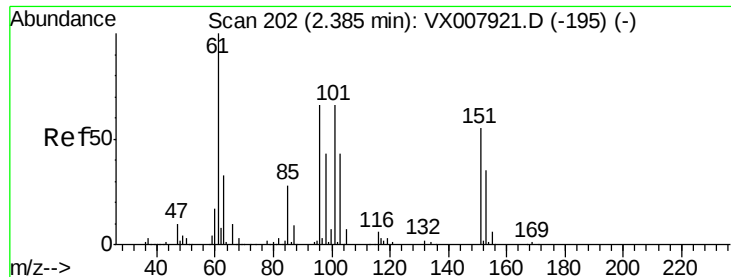


#8

Diethyl Ether
Concen: 19.247 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion: 74 Resp: 40398
Ion Ratio Lower Upper
74 100
45 110.7 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.965 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

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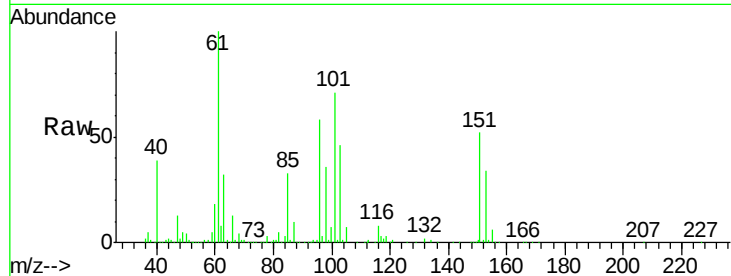
Tot Ion:101 Resp: 52643

Ion Ratio Lower Upper

101 100

85 45.7 0.0 86.8

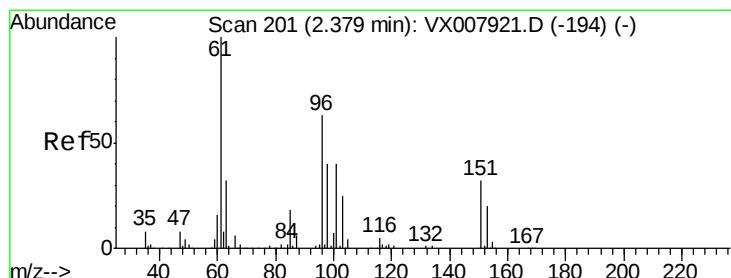
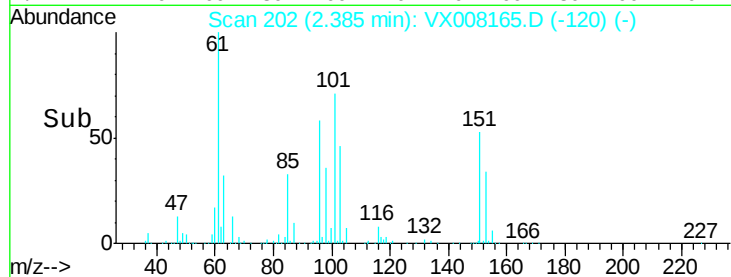
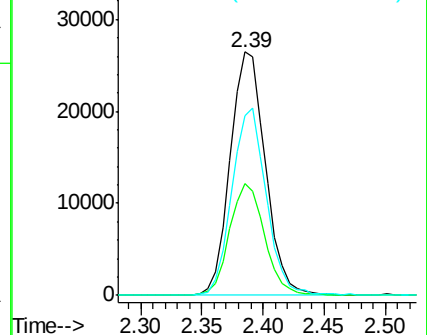
151 75.0 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.576 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

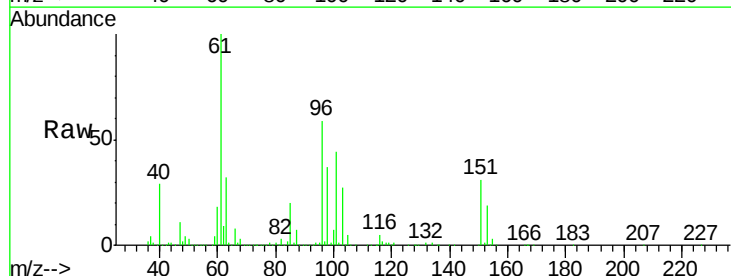
Tgt Ion: 96 Resp: 48759

Ion Ratio Lower Upper

96 100

61 168.1 120.2 180.2

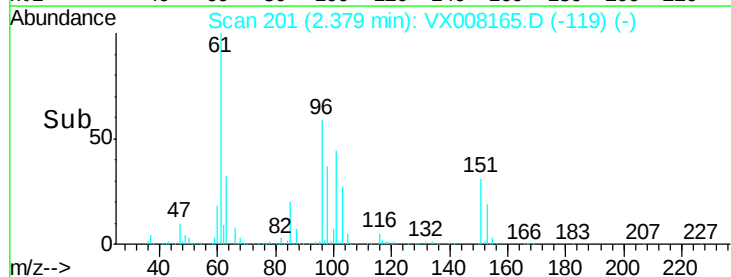
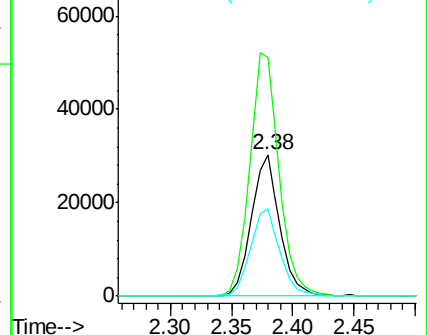
98 61.8 49.0 73.4

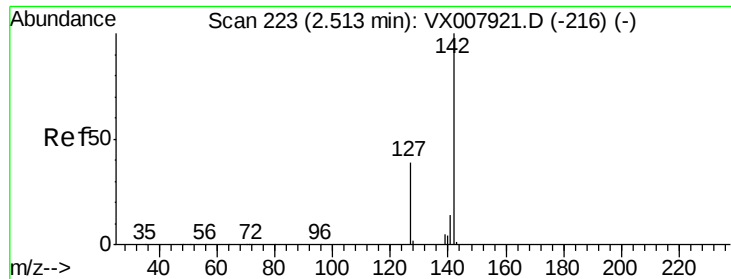


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

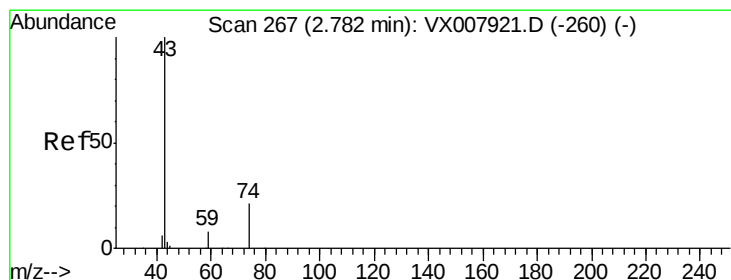
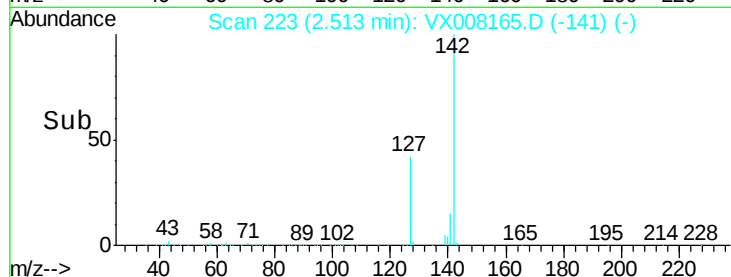
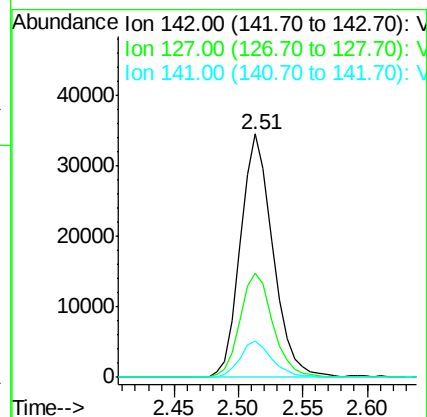
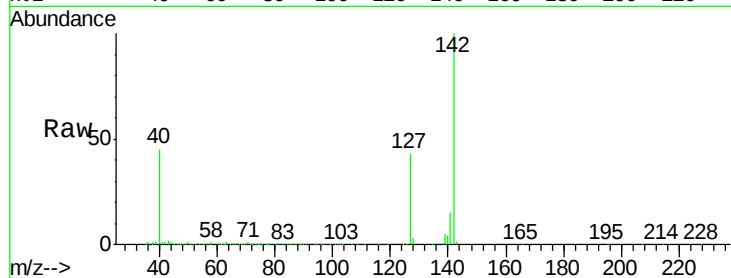




#11
Methvl Iodide
Concen: 19.025 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

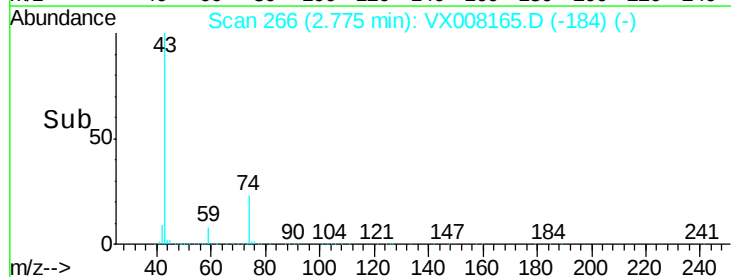
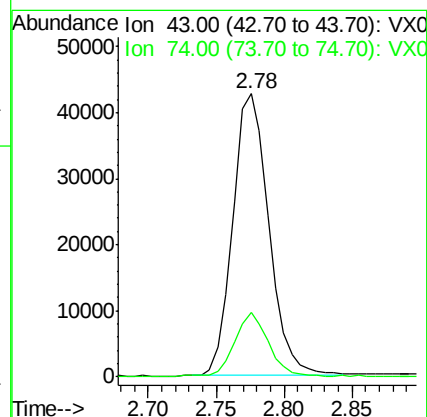
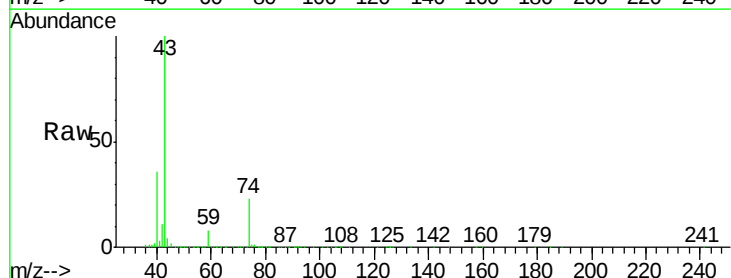
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

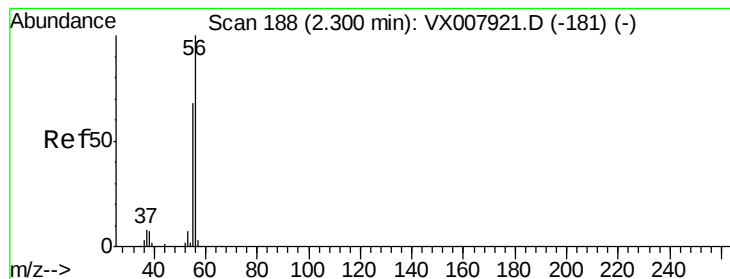
Tot Ion:142 Resp: 60314
Ion Ratio Lower Upper
142 100
127 42.4 22.1 66.5
141 14.9 7.4 22.3



#12
Methyl Acetate
Concen: 19.340 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion: 43 Resp: 78843
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.0





#13

Acrolein

Concen: 93.071 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

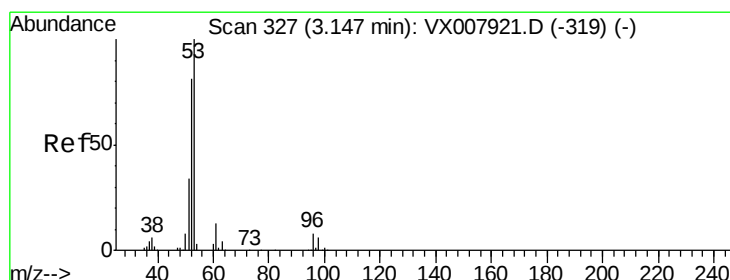
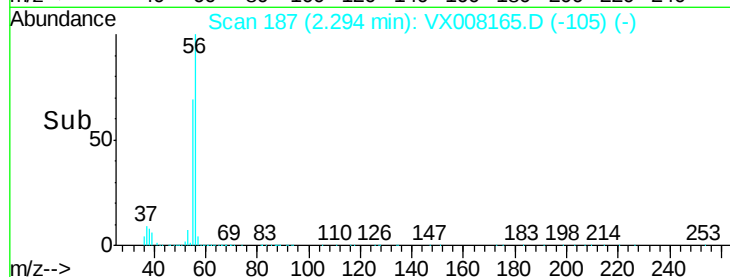
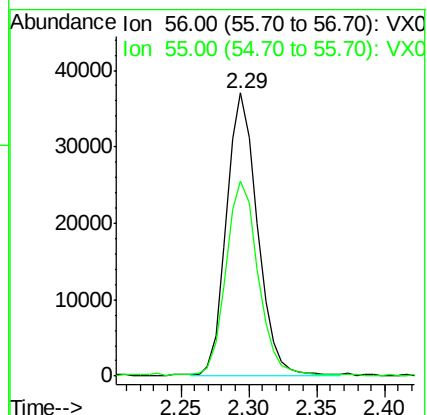
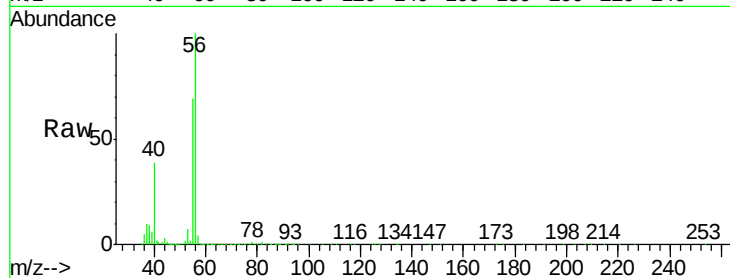
ICVVX031819

Tot Ion: 56 Resp: 58349

Ion Ratio Lower Upper

56 100

55 71.0 58.6 87.8



#14

Acrylonitrile

Concen: 95.641 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

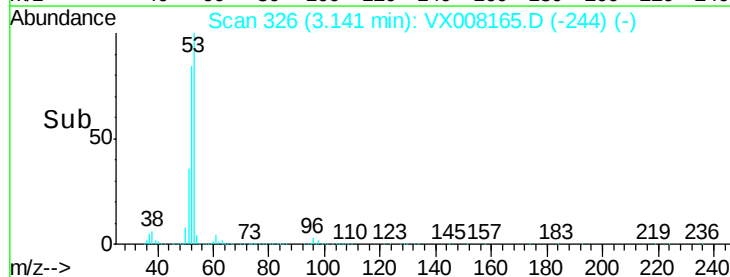
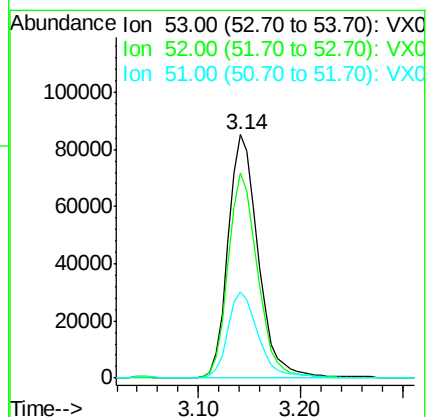
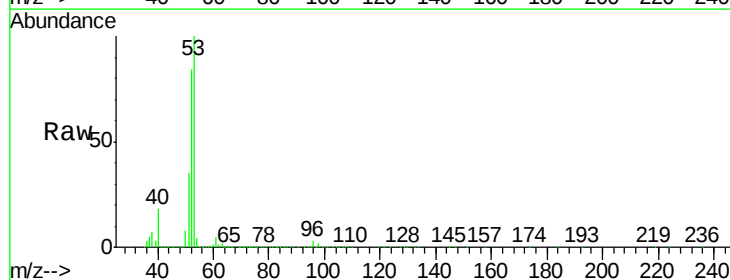
Tgt Ion: 53 Resp: 173013

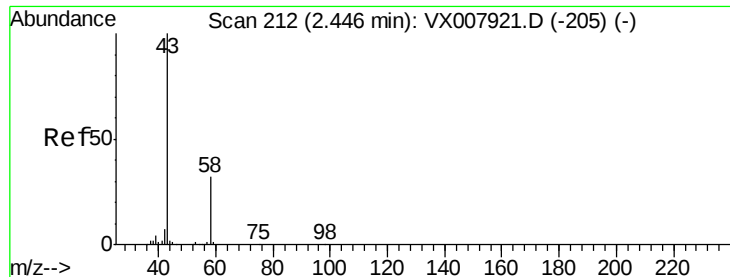
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 35.7 17.5 52.6





#15

Acetone

Concen: 89.038 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

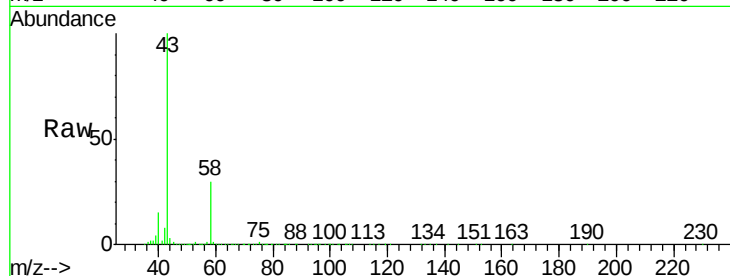
ICVVX031819

Tot Ion: 58 Resp: 51752

Ion Ratio Lower Upper

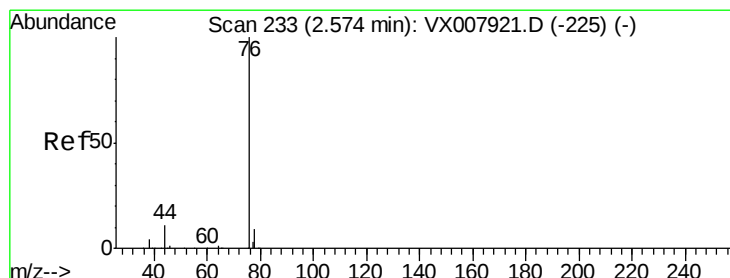
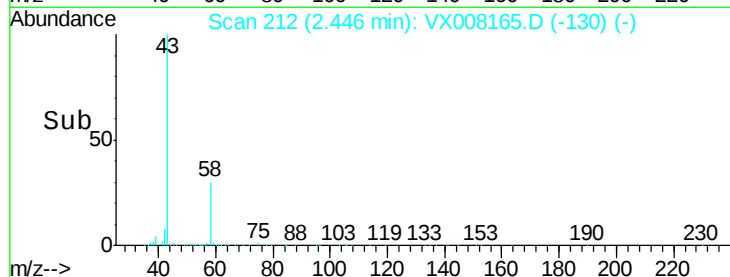
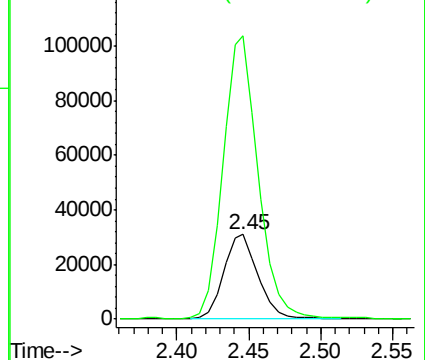
58 100

43 333.8 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.171 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX008165.D

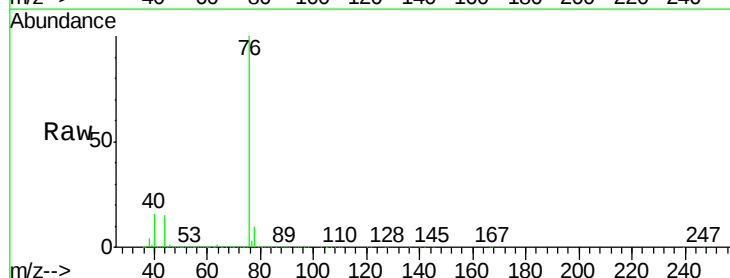
Acq: 18 Mar 2019 14:28

Tgt Ion: 76 Resp: 152229

Ion Ratio Lower Upper

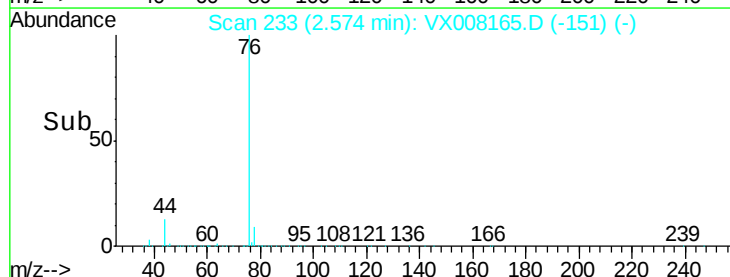
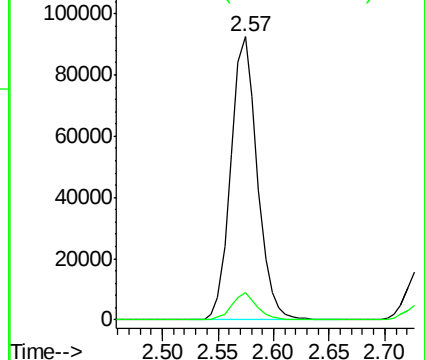
76 100

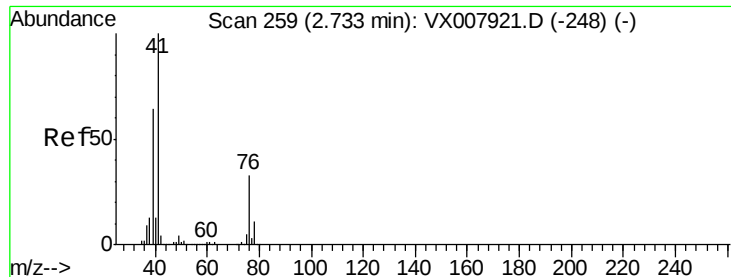
78 9.6 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 18.998 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

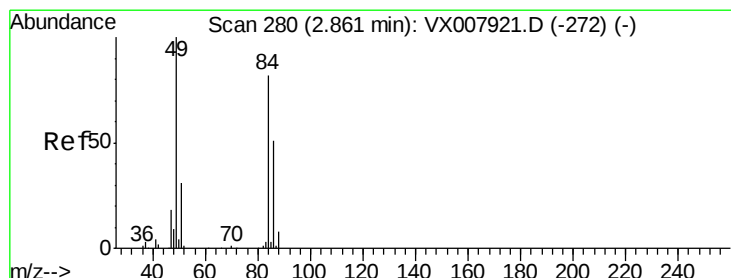
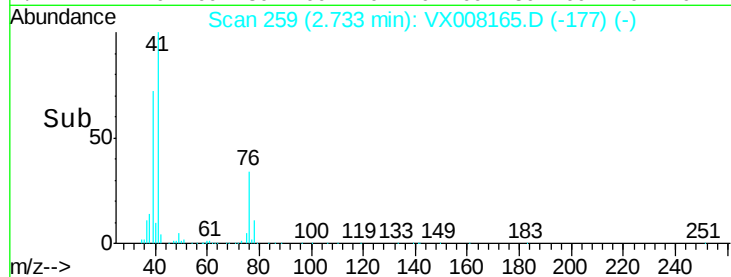
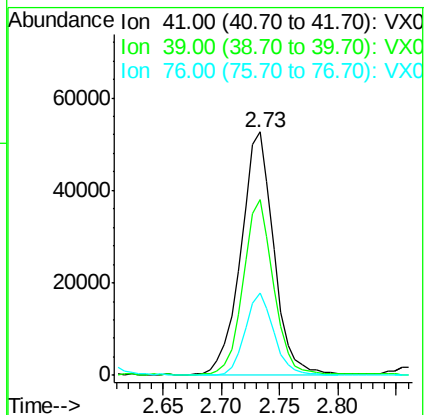
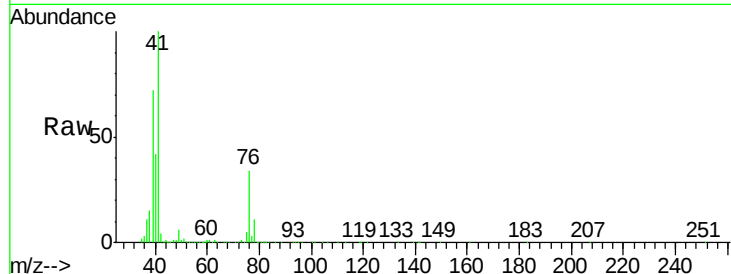
Tot Ion: 41 Resp: 103429

Ion Ratio Lower Upper

41 100

39 72.0 35.8 107.4

76 33.4 18.3 54.9



#18

Methylene Chloride

Concen: 19.294 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion: 84 Resp: 55999

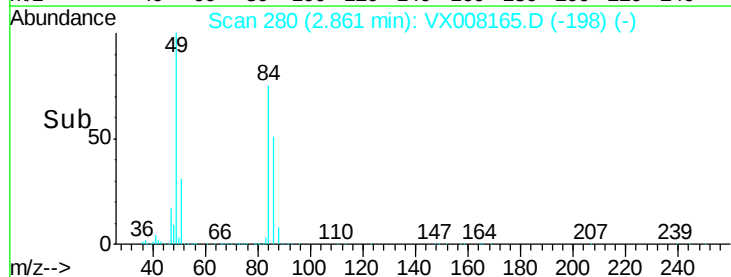
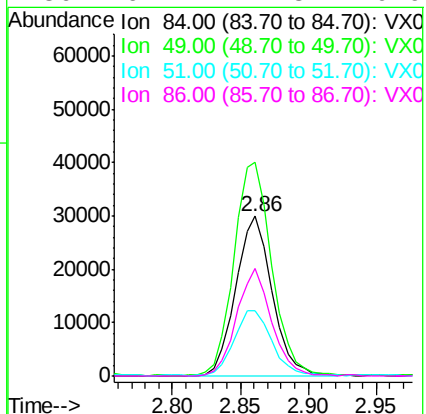
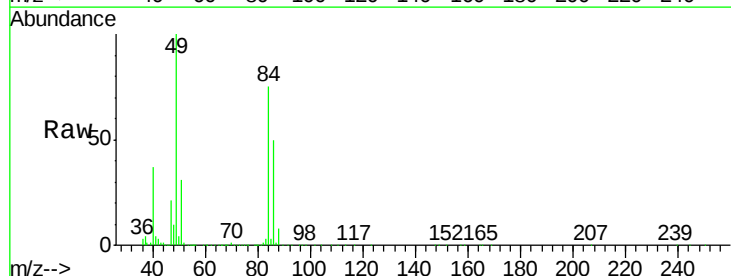
Ion Ratio Lower Upper

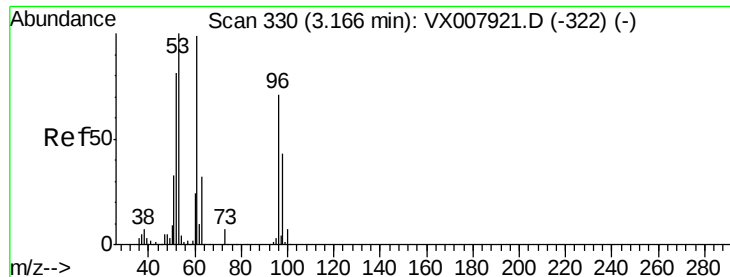
84 100

49 133.3 96.1 144.1

51 41.2 29.1 43.7

86 67.2 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 19.543 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

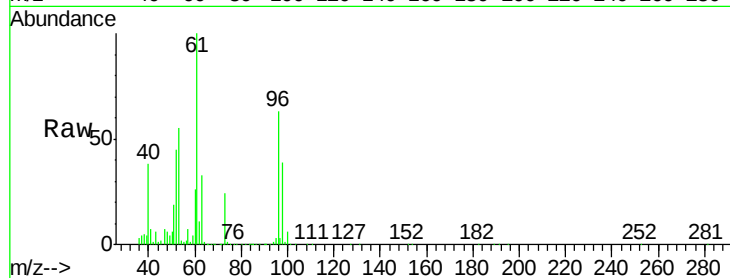
Tot Ion: 96 Resp: 52295

Ion Ratio Lower Upper

96 100

61 158.9 109.9 164.9

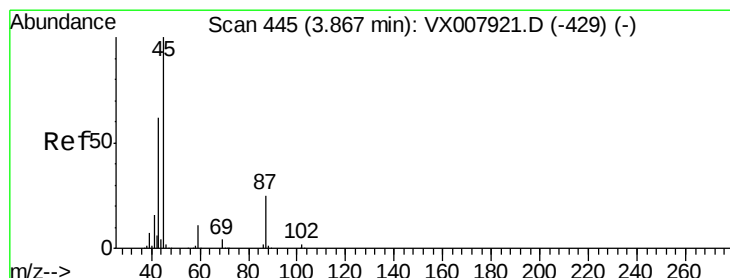
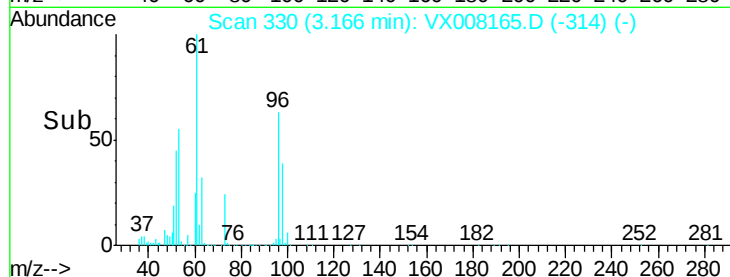
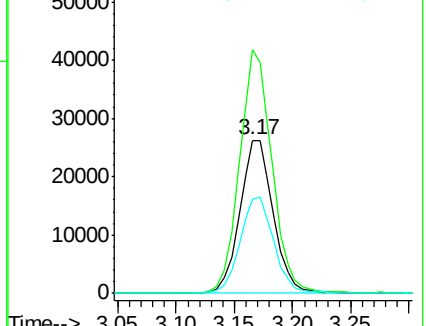
98 61.4 50.4 75.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 19.349 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion: 45 Resp: 206298

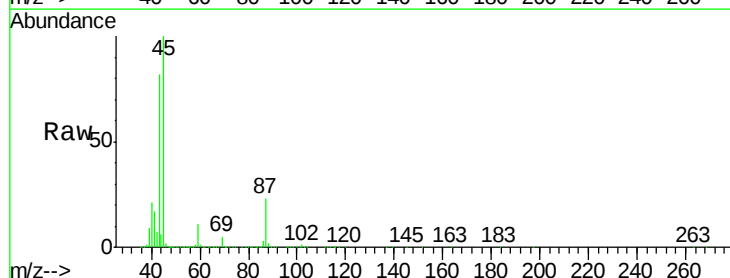
Ion Ratio Lower Upper

45 100

43 81.2 50.6 76.0#

87 22.7 24.5 36.7#

59 10.6 10.2 15.2

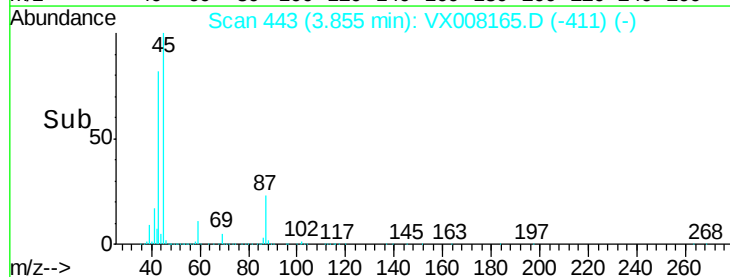
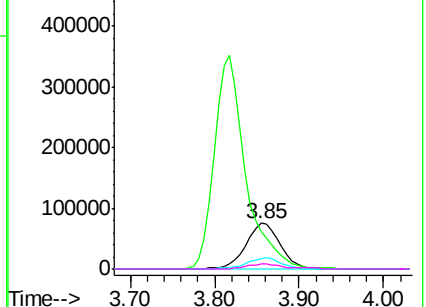


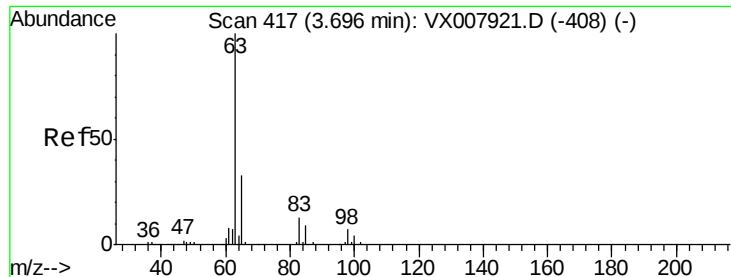
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 19.462 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

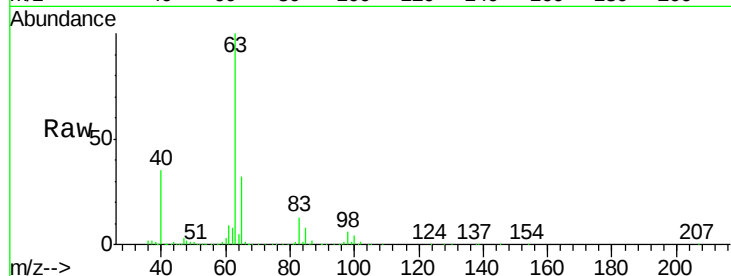
Tot Ion: 63 Resp: 105894

Ion Ratio Lower Upper

63 100

98 5.8 3.8 11.4

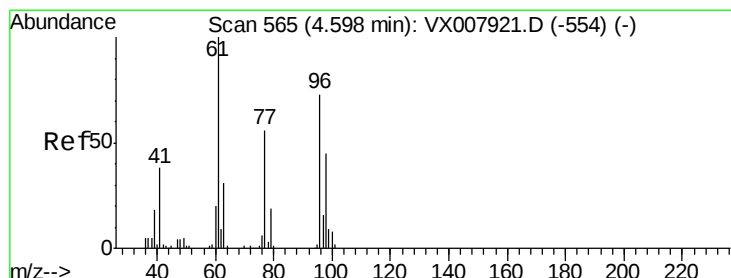
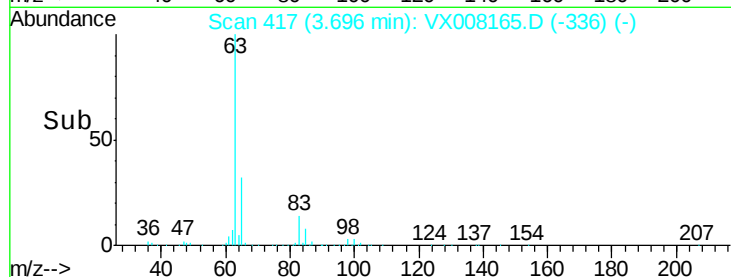
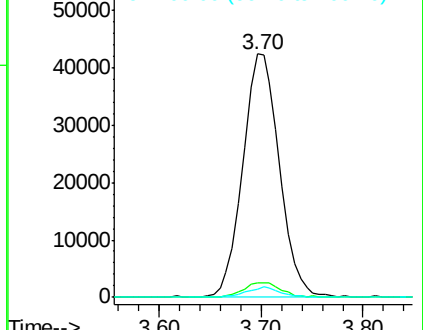
100 3.4 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 19.225 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

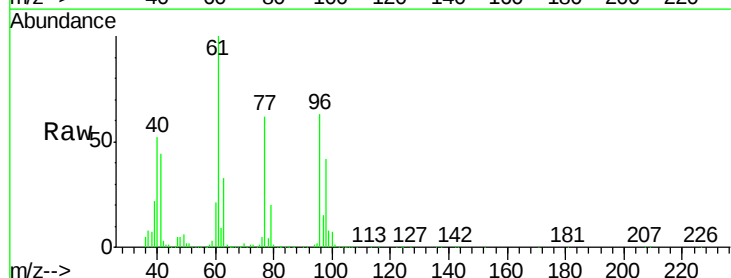
Tgt Ion: 96 Resp: 58647

Ion Ratio Lower Upper

96 100

61 161.1 103.5 155.3#

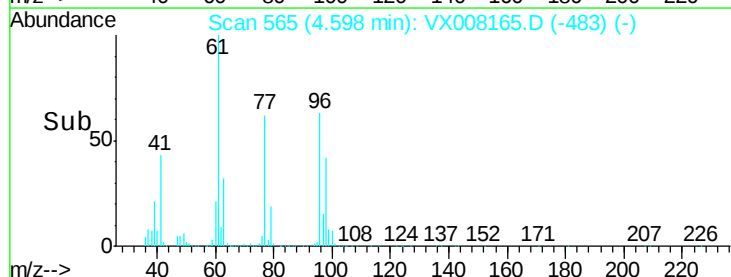
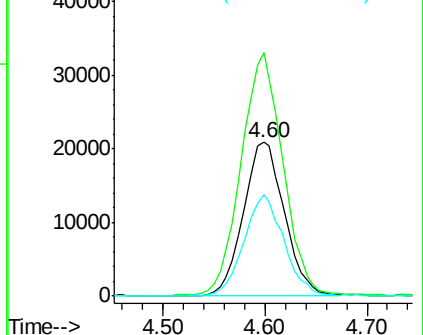
98 64.1 52.1 78.1

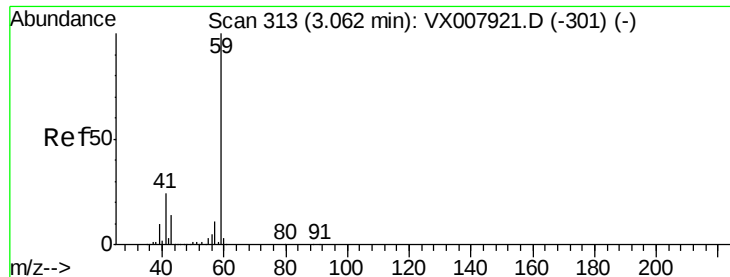


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 95.091 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

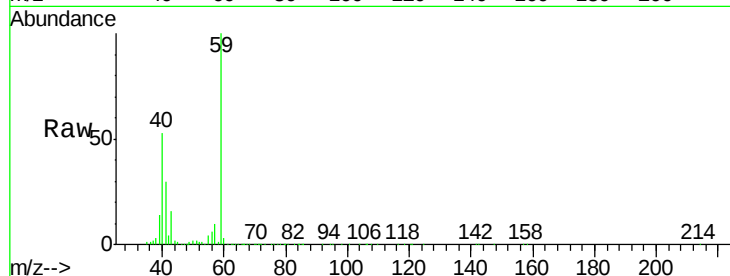
ICVVX031819

Tot Ion: 59 Resp: 63375

Ion Ratio Lower Upper

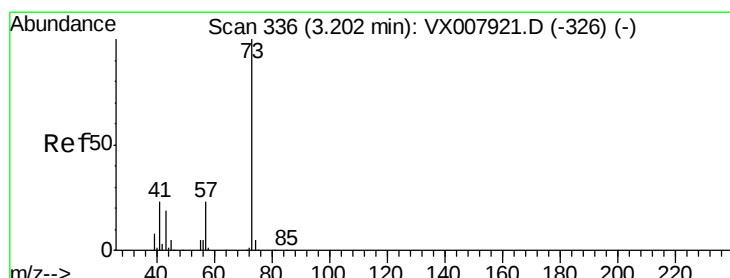
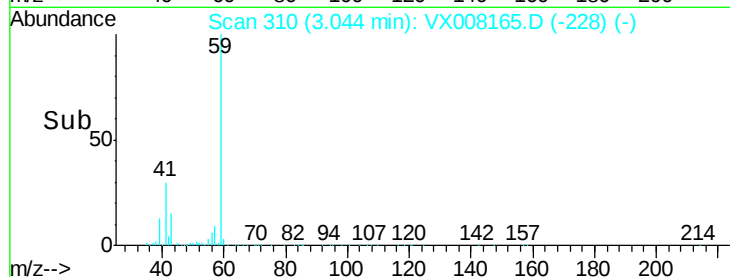
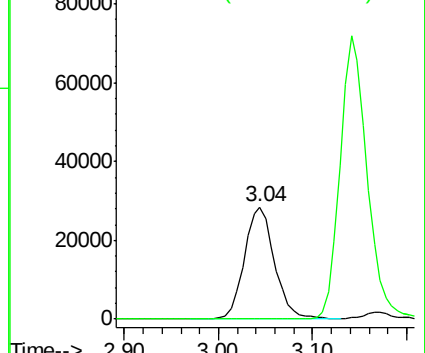
59 100

52 0.1 0.2 0.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 19.215 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX008165.D

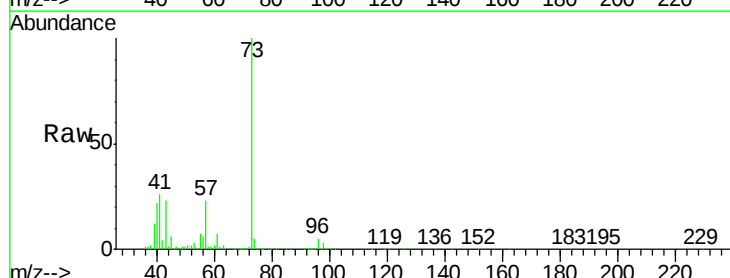
Acq: 18 Mar 2019 14:28

Tgt Ion: 73 Resp: 173626

Ion Ratio Lower Upper

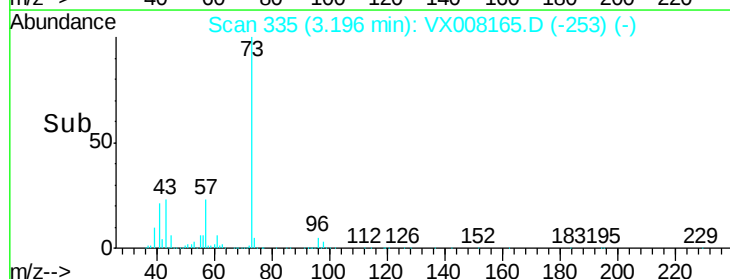
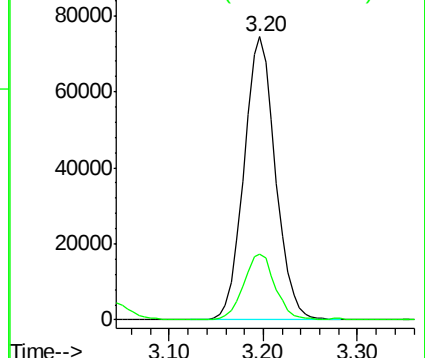
73 100

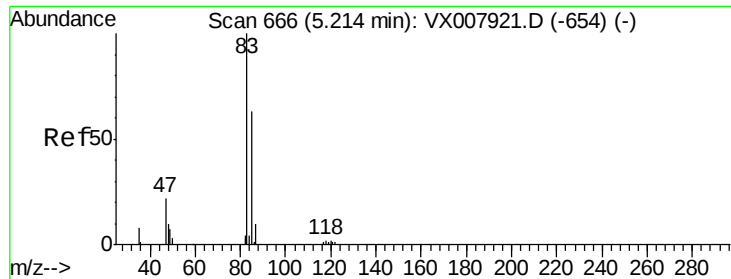
43 23.1 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#25

Chloroform

Concen: 19.480 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

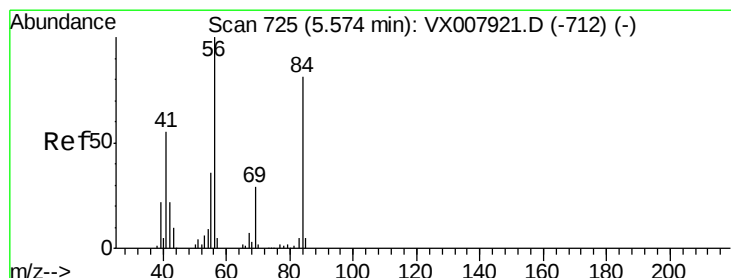
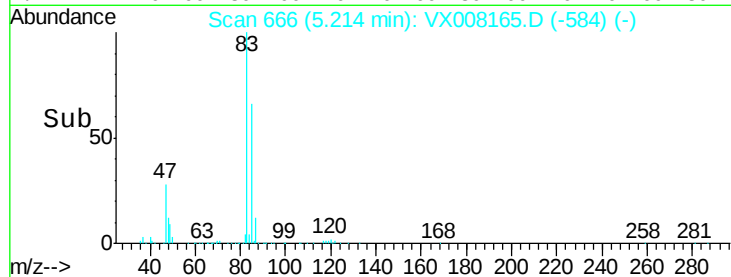
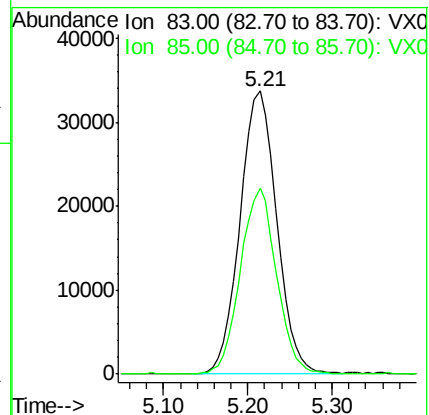
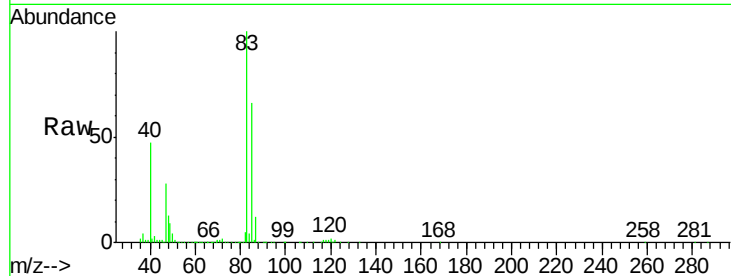
ICVVX031819

Tot Ion: 83 Resp: 99990

Ion Ratio Lower Upper

83 100

85 65.8 53.8 80.6



#26

Cyclohexane

Concen: 19.603 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

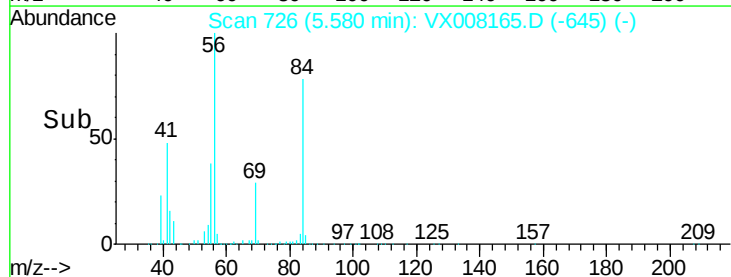
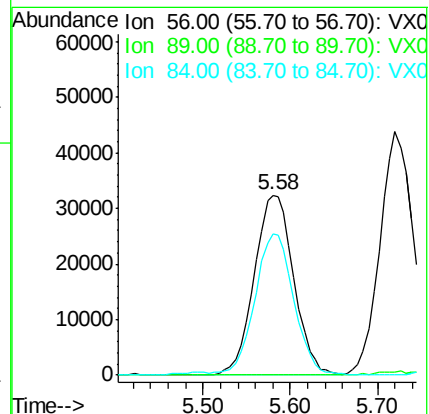
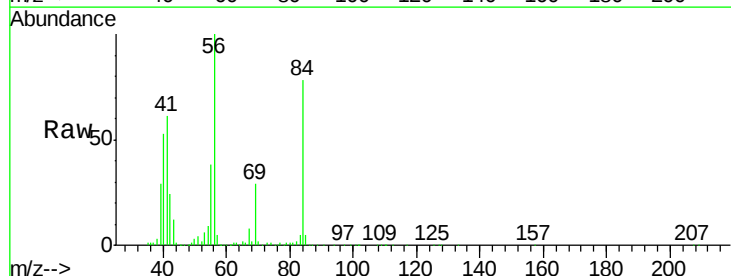
Tgt Ion: 56 Resp: 101689

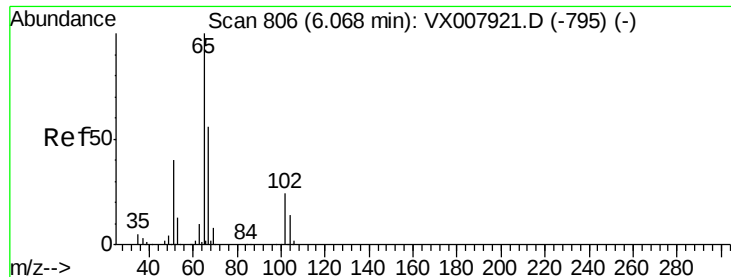
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 77.5 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 30.274 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

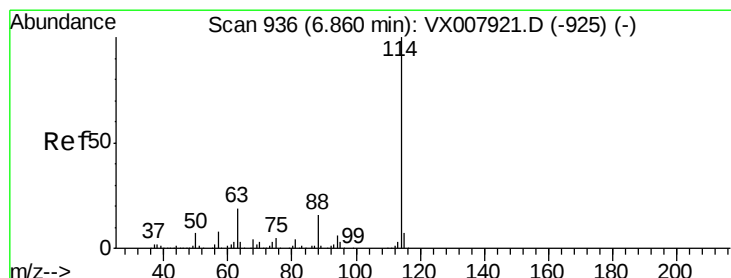
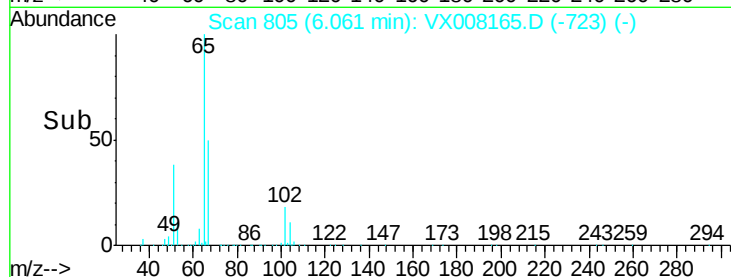
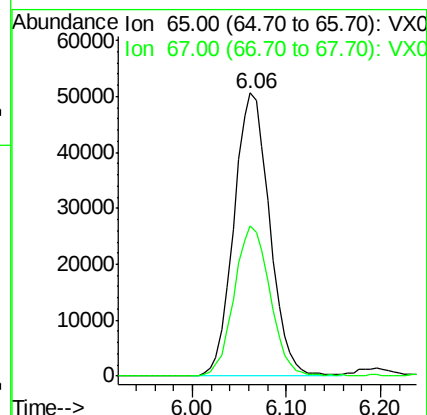
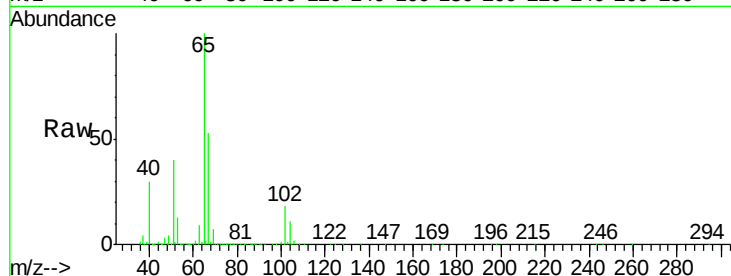
ICVVX031819

Tot Ion: 65 Resp: 133488

Ion Ratio Lower Upper

65 100

67 53.1 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

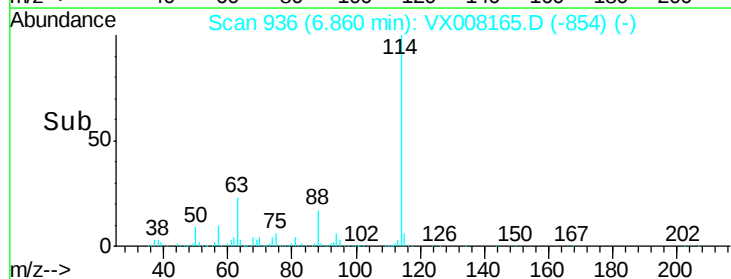
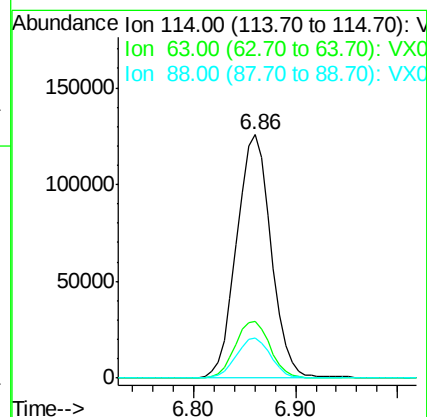
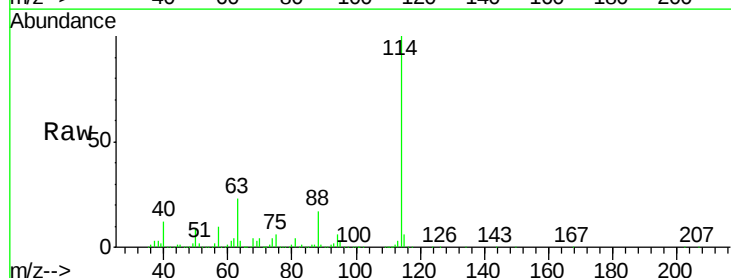
Tgt Ion: 114 Resp: 294831

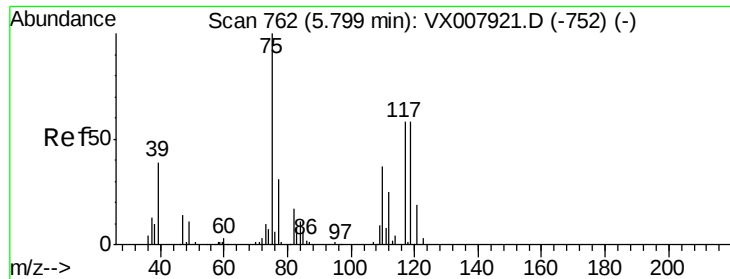
Ion Ratio Lower Upper

114 100

63 23.5 14.2 21.4#

88 16.6 11.9 17.9

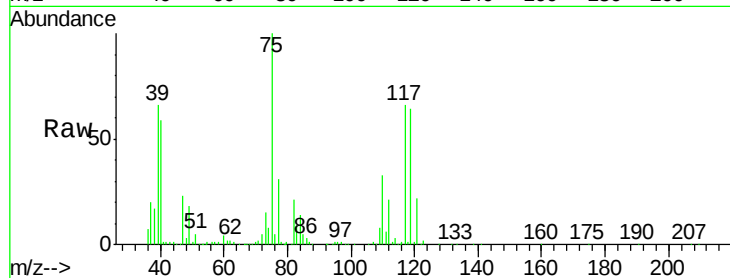




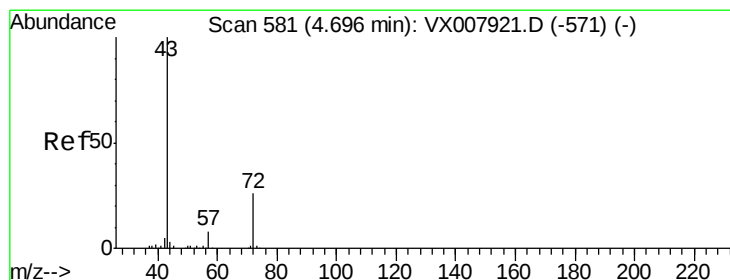
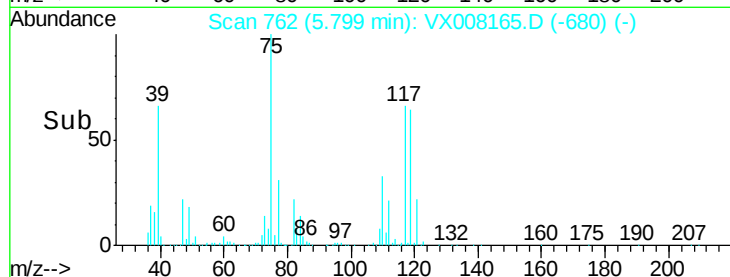
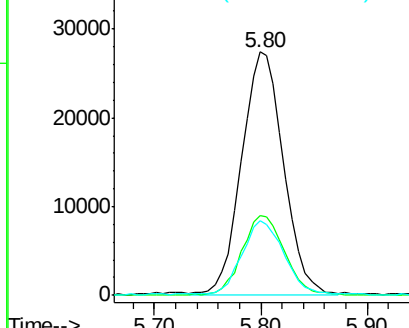
#29
 1,1-Dichloropropene
 Concen: 19.377 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	80.8
77	30.2	0.0	62.4

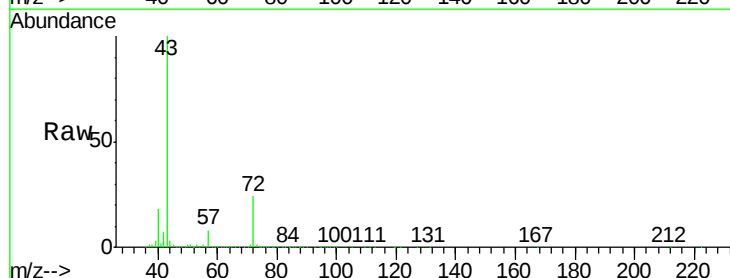


Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 110.00 (109.70 to 110.70): V
 Ion 77.00 (76.70 to 77.70): VX0

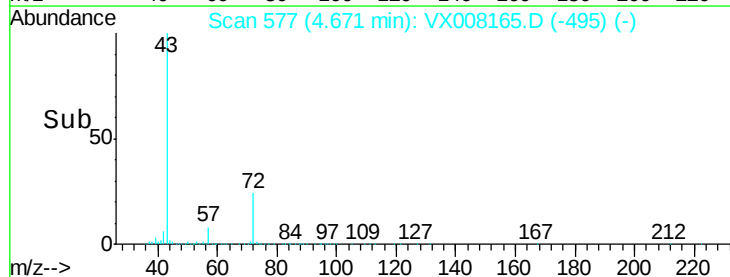
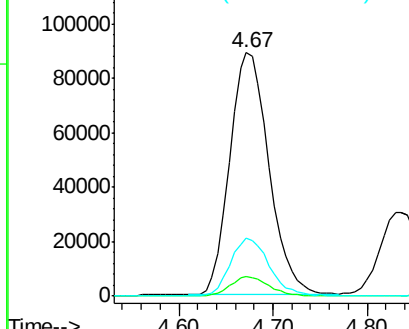


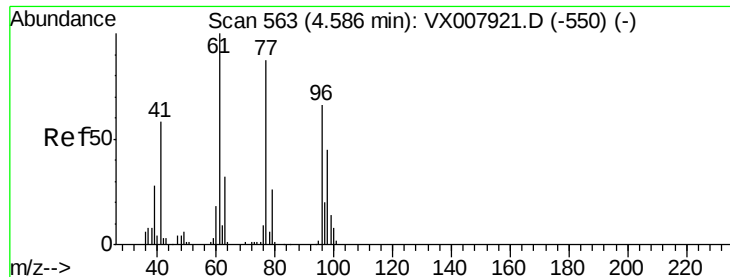
#30
 2-Butanone
 Concen: 93.975 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	7.0	10.6
72	23.1	21.5	32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 19.371 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

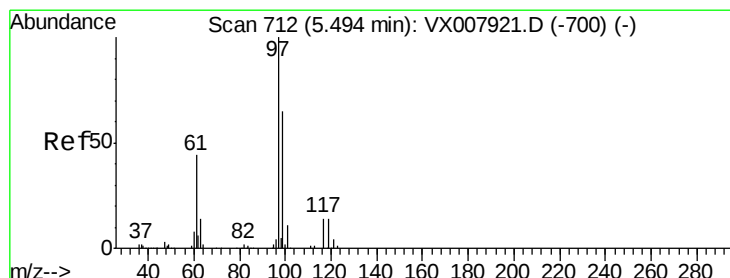
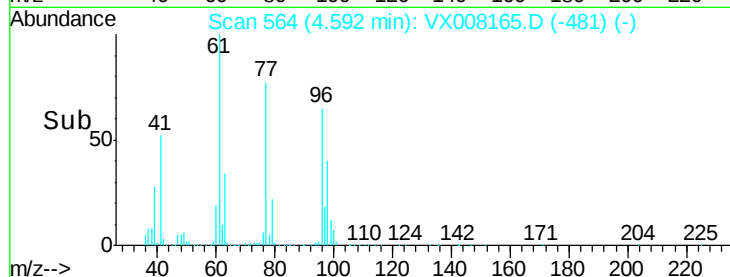
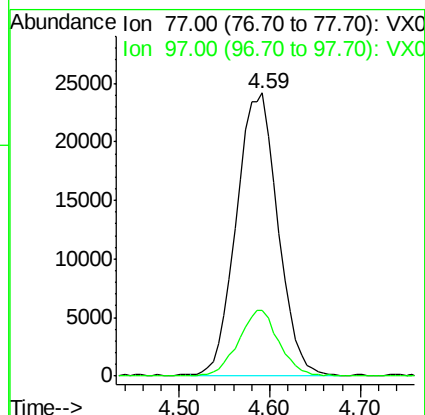
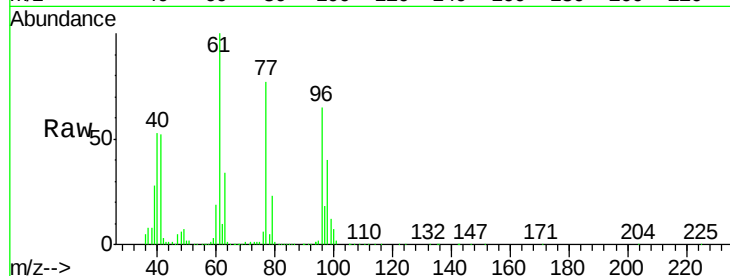
ICVVX031819

Tot Ion: 77 Resp: 76661

Ion Ratio Lower Upper

77 100

97 22.2 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 19.489 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

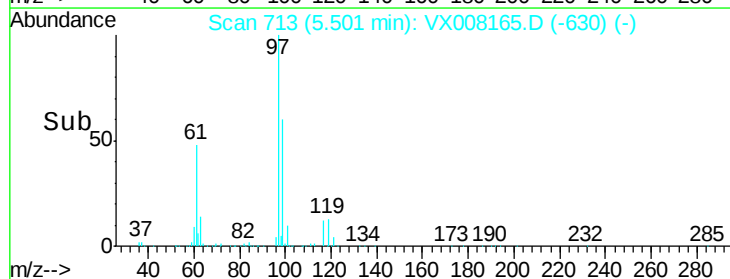
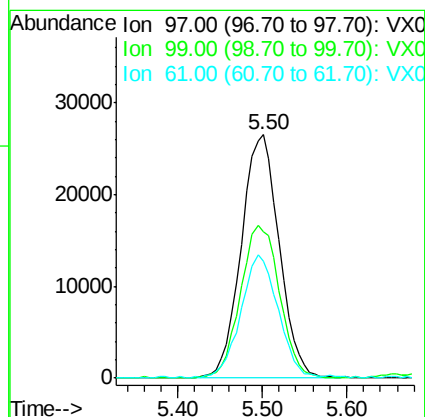
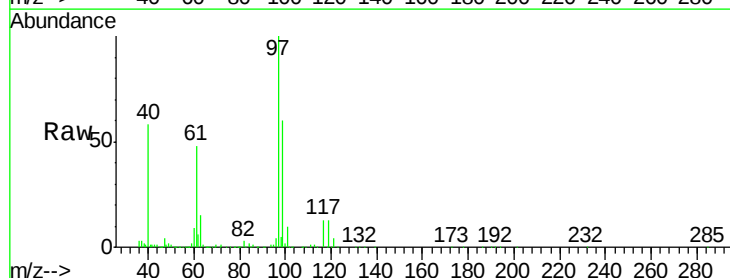
Tgt Ion: 97 Resp: 81003

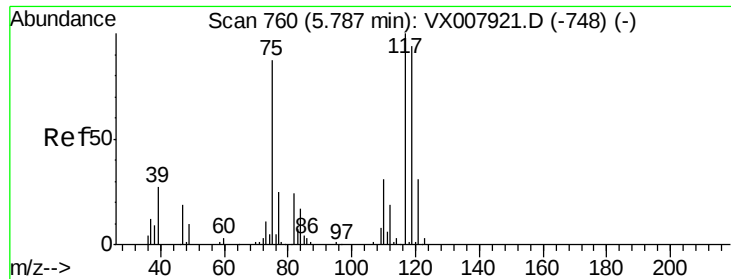
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 49.5 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 19.297 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

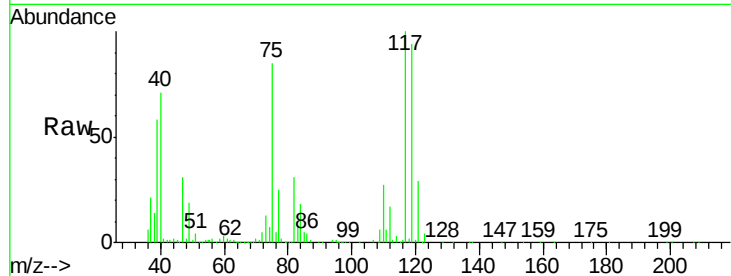
Tot Ion:117 Resp: 67310

Ion Ratio Lower Upper

117 100

119 94.1 78.1 117.1

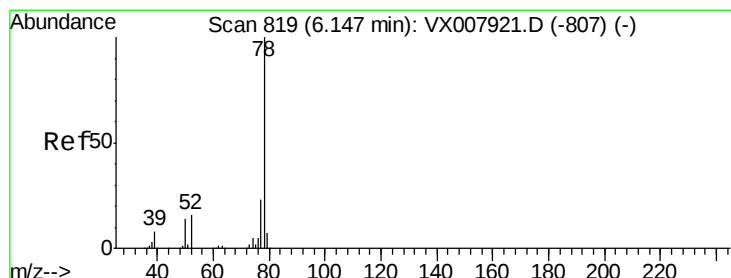
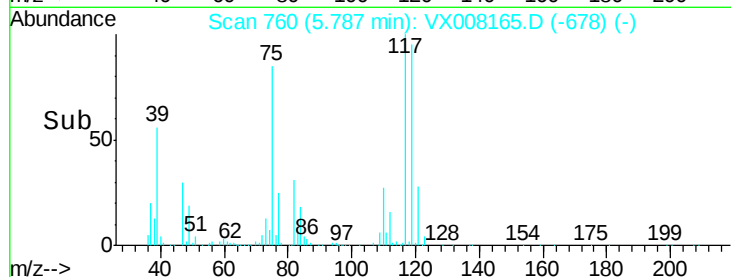
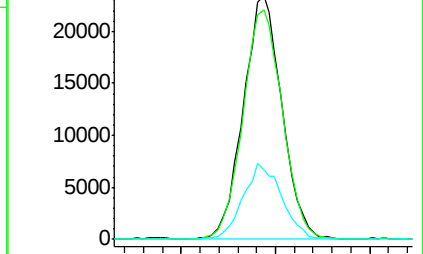
121 28.6 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.554 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

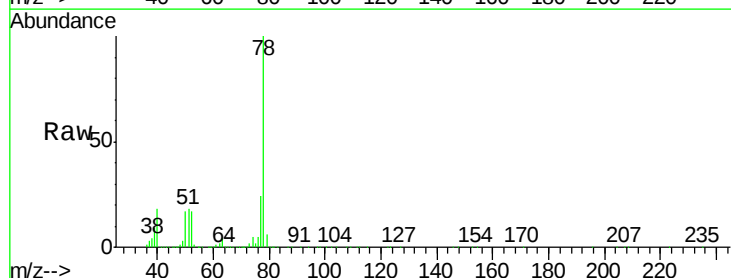
Tgt Ion: 78 Resp: 229439

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

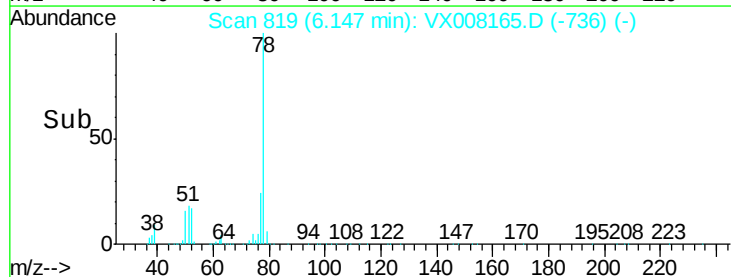
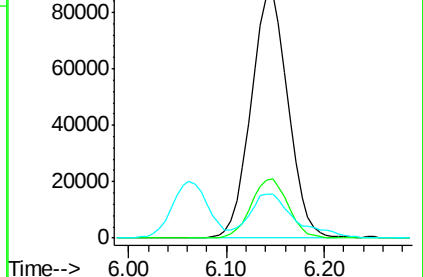
51 16.4 10.8 16.2#

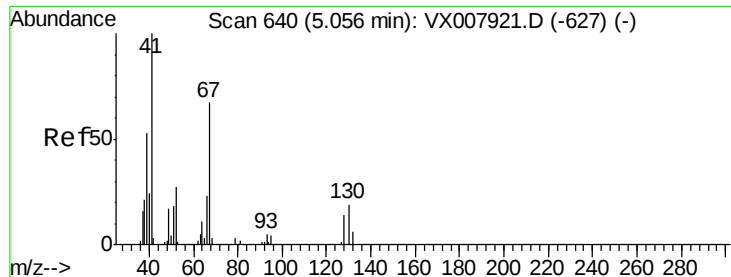


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

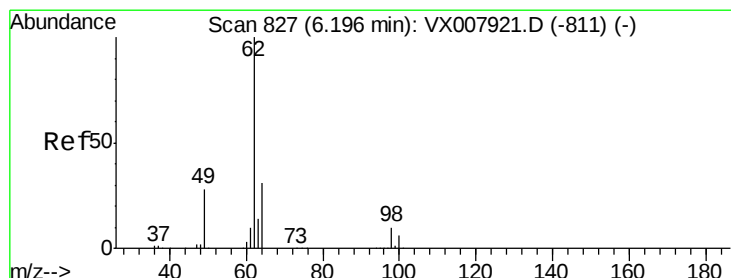
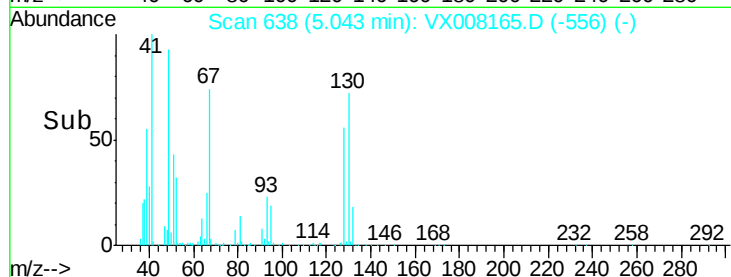
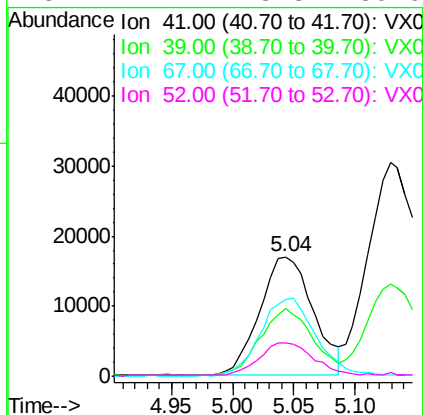
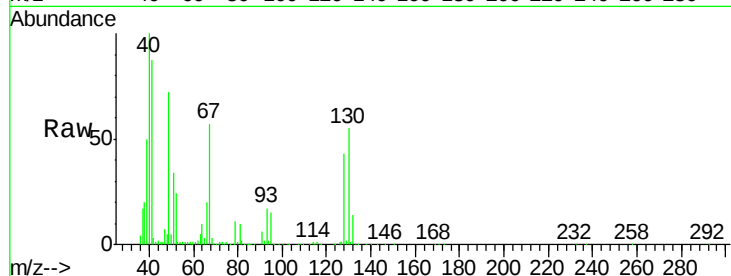




#35
Methacrylonitrile
Concen: 19.237 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

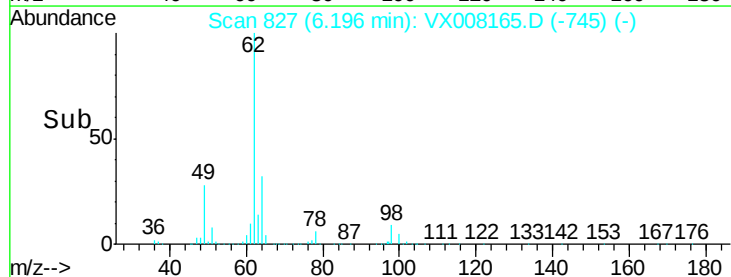
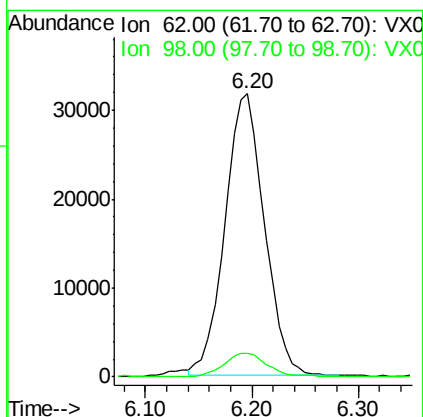
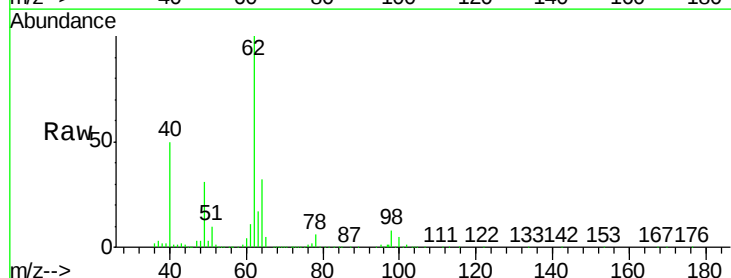
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

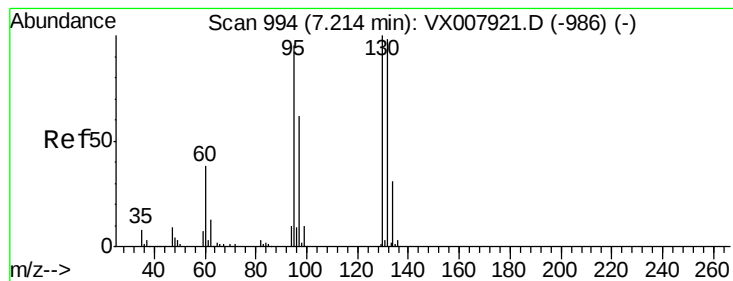
Tot Ion: 41 Resp: 51482
Ion Ratio Lower Upper
41 100
39 55.9 27.4 82.0
67 65.1 37.9 113.6
52 27.4 13.3 39.9



#36
1,2-Dichloroethane
Concen: 19.273 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion: 62 Resp: 82080
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.8





#37

Trichloroethene

Concen: 19.420 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

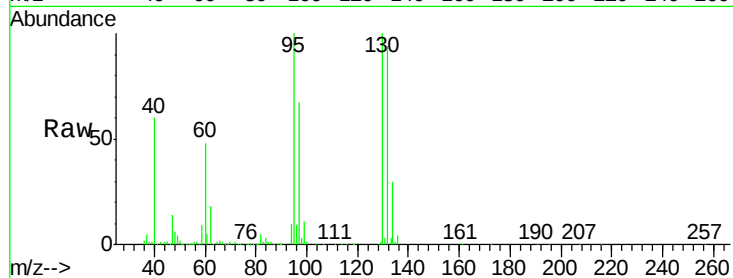
ICVVX031819

Tot Ion:130 Resp: 54299

Ion Ratio Lower Upper

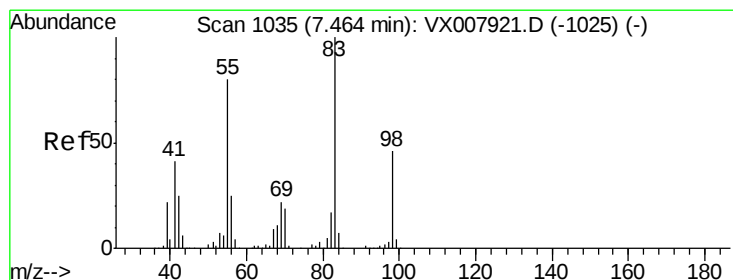
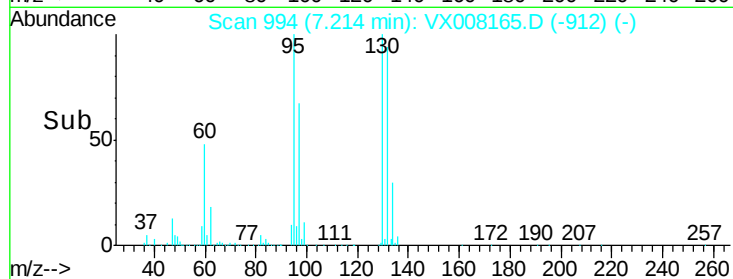
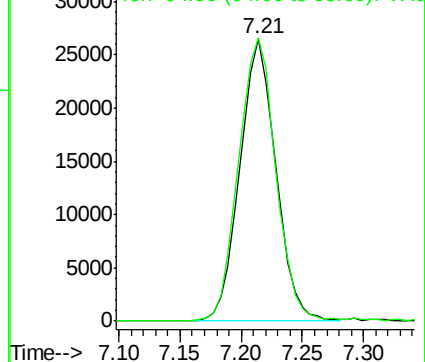
130 100

95 100.0 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.960 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

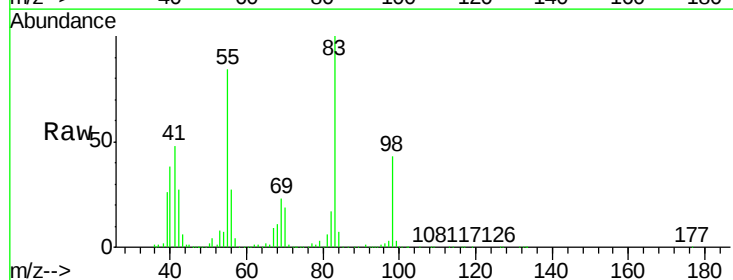
Tgt Ion: 83 Resp: 95134

Ion Ratio Lower Upper

83 100

55 84.2 36.0 108.0

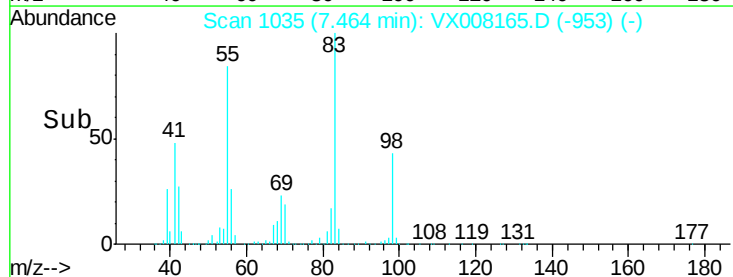
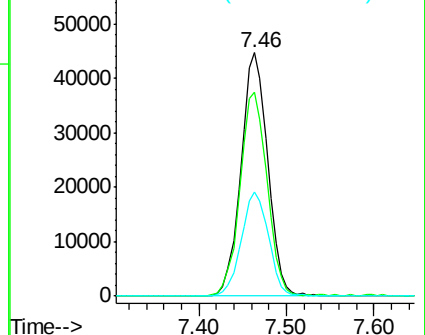
98 43.3 23.8 71.4

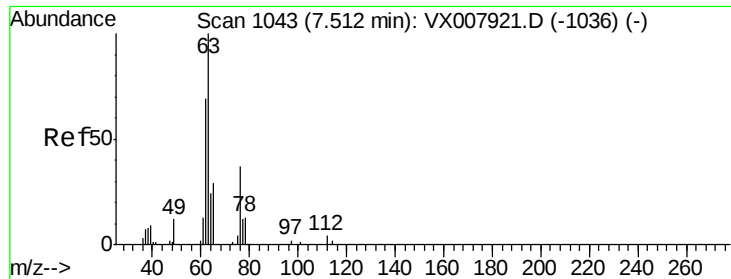


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

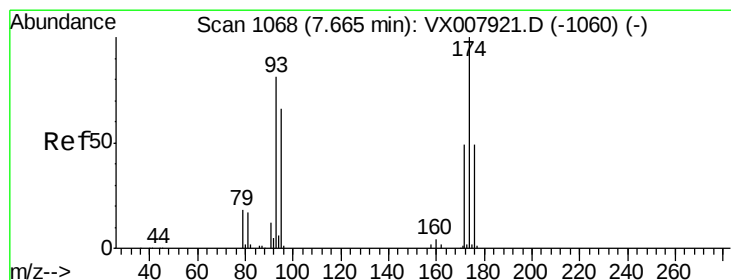
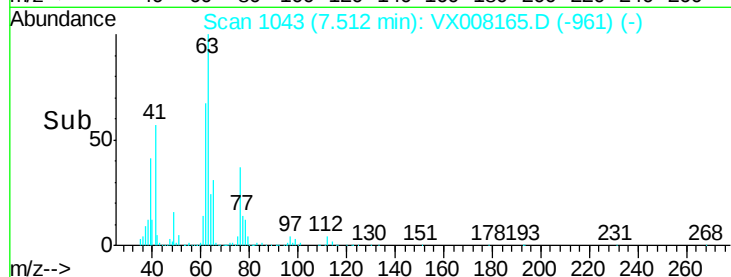
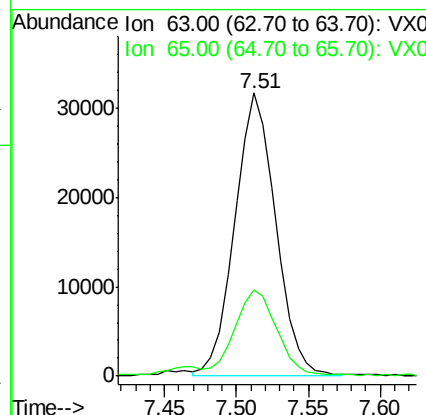
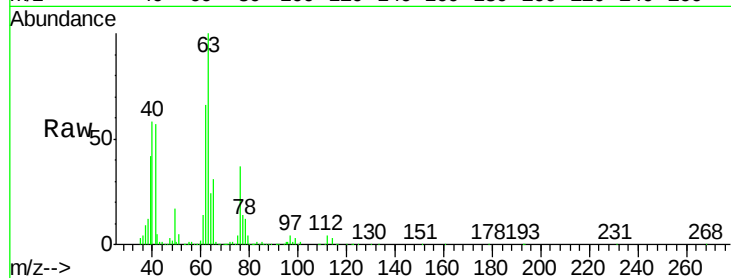




#39
 1,2-Dichloropropane
 Concen: 19.680 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

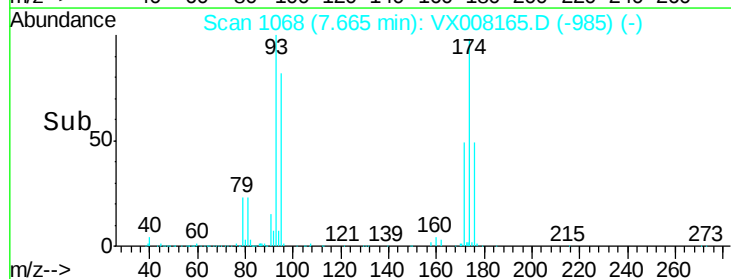
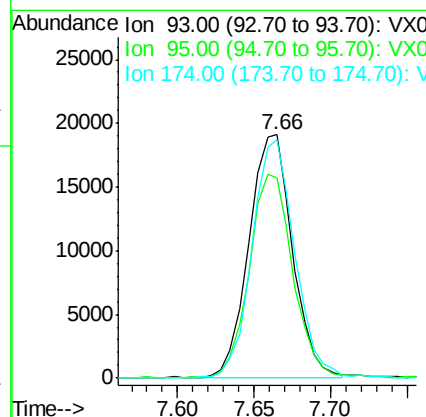
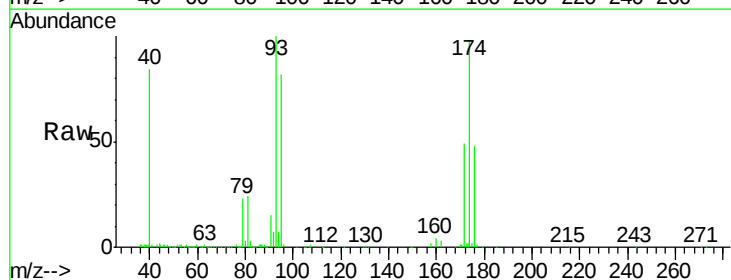
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

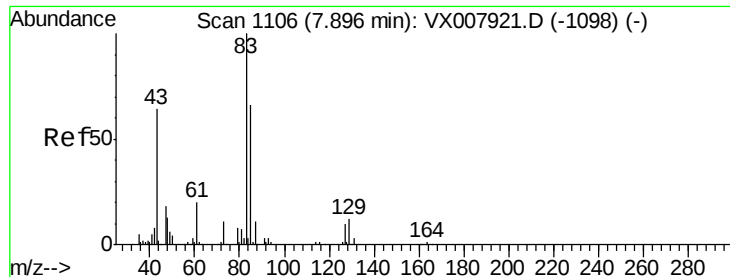
Tot Ion: 63 Resp: 62890
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.6 37.0



#40
 Dibromomethane
 Concen: 19.405 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion: 93 Resp: 37965
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 158.8
 174 95.7 0.0 224.2





#41

Bromodichloromethane

Concen: 19.073 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

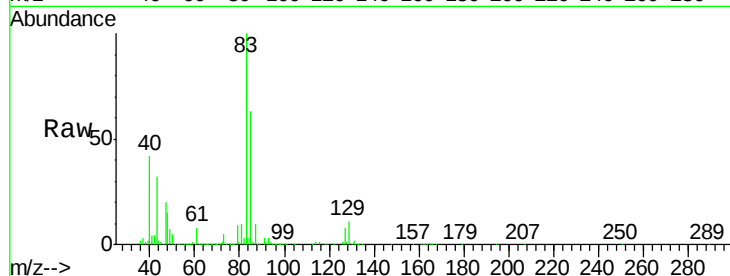
Tot Ion: 83 Resp: 72157

Ion Ratio Lower Upper

83 100

85 63.1 51.1 76.7

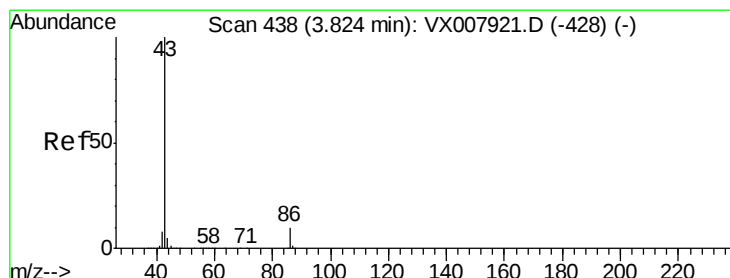
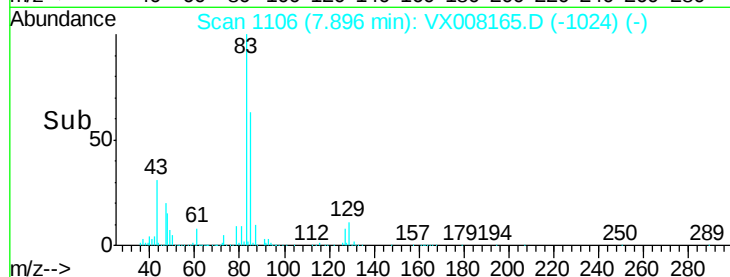
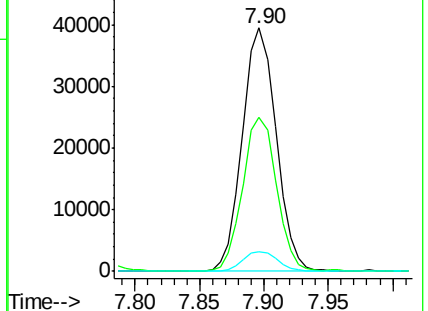
127 7.9 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 97.119 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008165.D

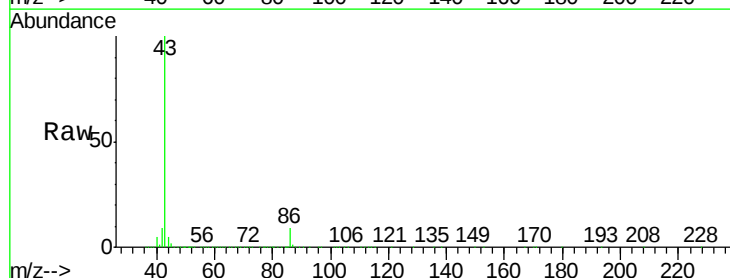
Acq: 18 Mar 2019 14:28

Tgt Ion: 43 Resp: 898421

Ion Ratio Lower Upper

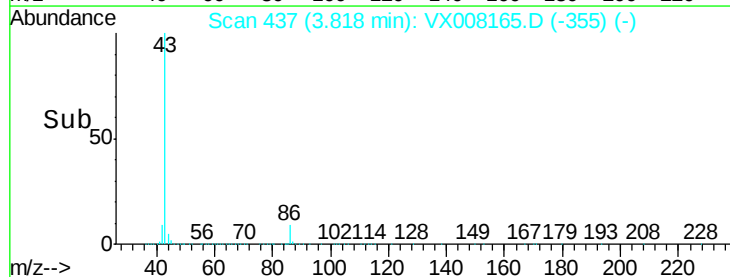
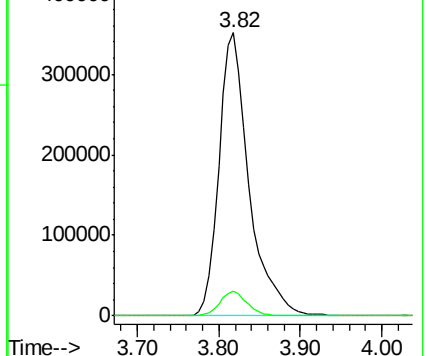
43 100

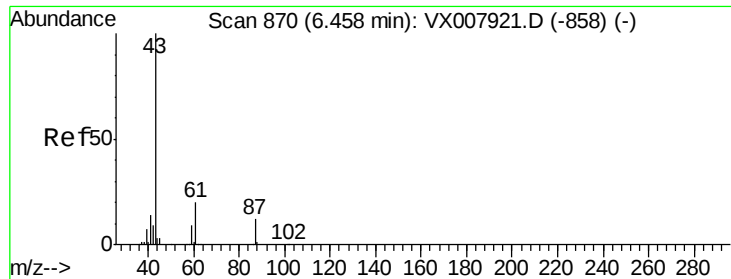
86 7.9 8.2 12.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



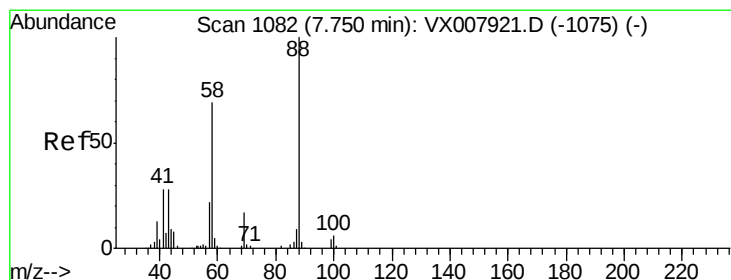
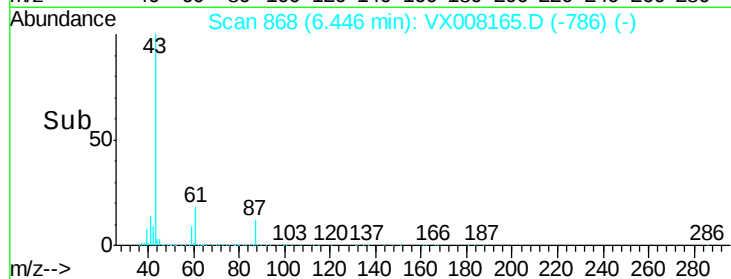
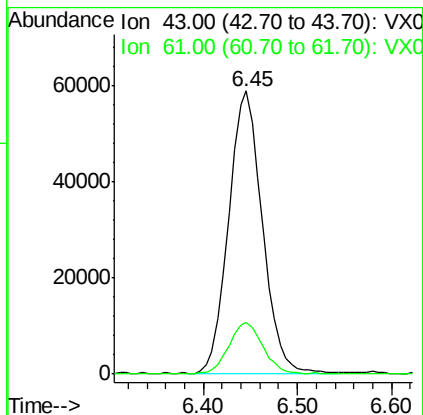
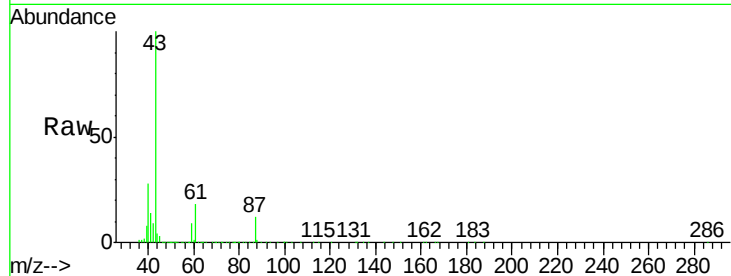


#44

Isopropyl Acetate
 Concen: 19.243 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

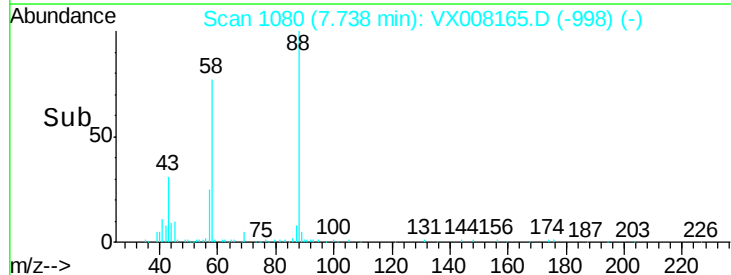
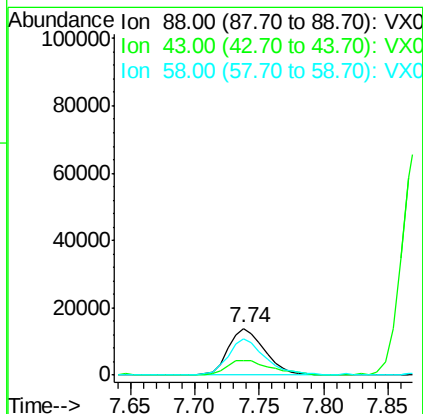
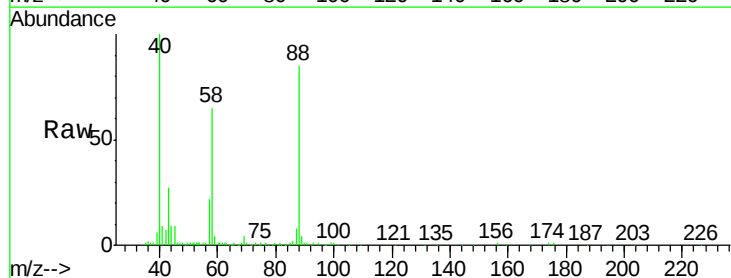
Tot Ion: 43 Resp: 145550
 Ion Ratio Lower Upper
 43 100
 61 18.7 16.1 24.1

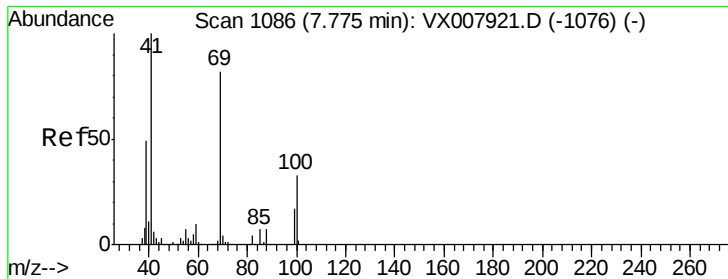


#45

1,4-Dioxane
 Concen: 384.851 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion: 88 Resp: 27193
 Ion Ratio Lower Upper
 88 100
 43 42.0 23.6 35.4#
 58 77.3 51.6 77.4

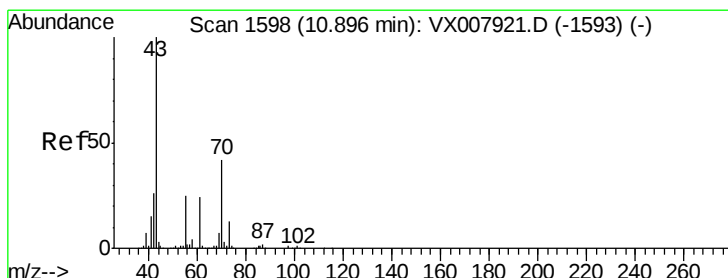
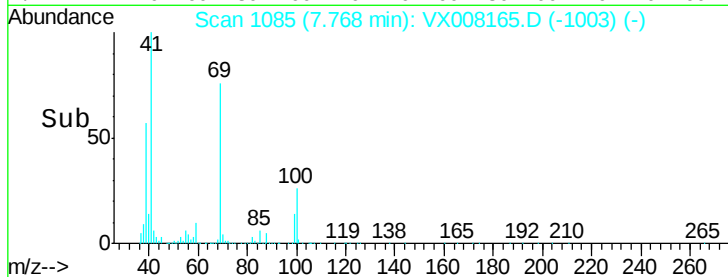
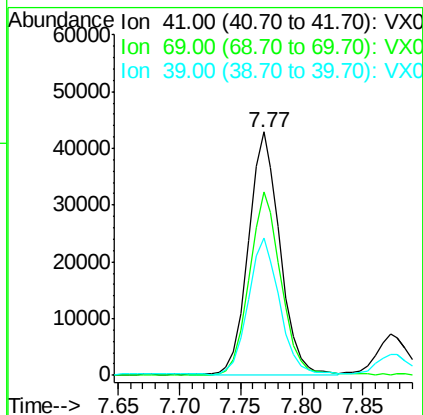
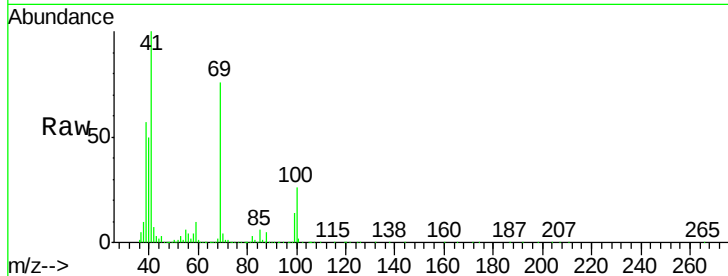




#46
Methyl methacrylate
Concen: 19.127 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

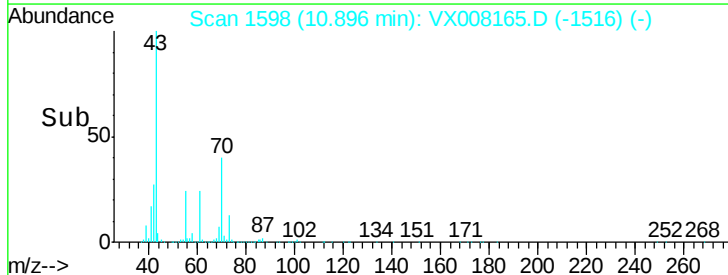
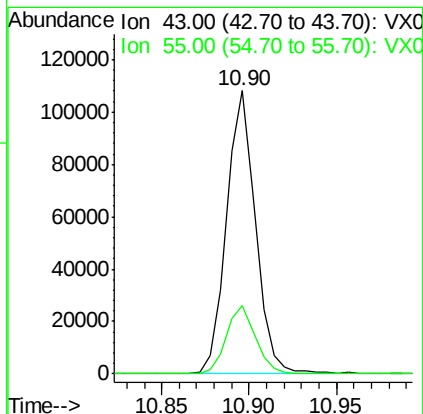
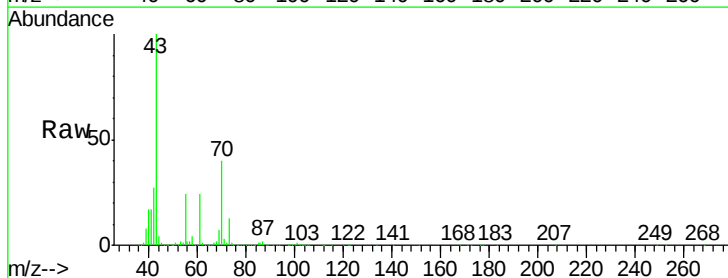
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

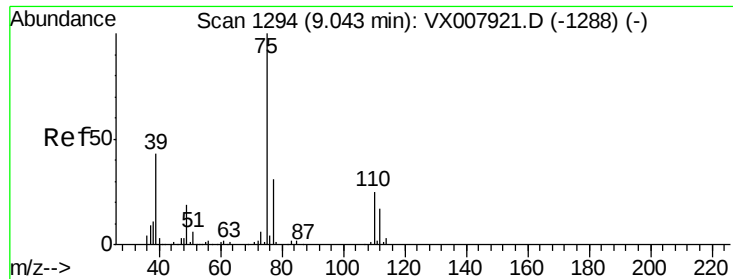
Tot Ion: 41 Resp: 76336
Ion Ratio Lower Upper
41 100
69 75.7 44.2 132.6
39 56.1 29.9 89.8



#47
n-ethyl acetate
Concen: 19.248 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion: 43 Resp: 124410
Ion Ratio Lower Upper
43 100
55 24.1 20.8 31.2





#48

t-1,3-Dichloropropene

Concen: 18.611 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

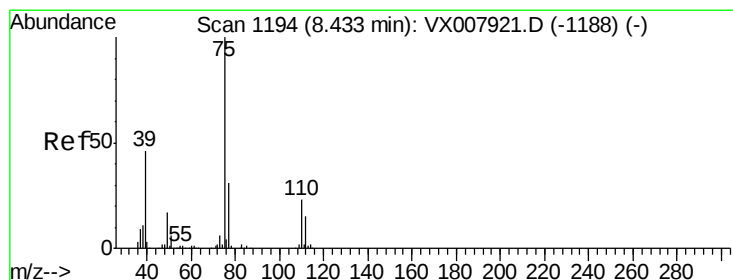
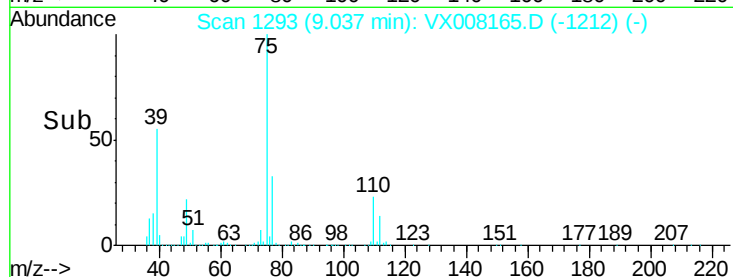
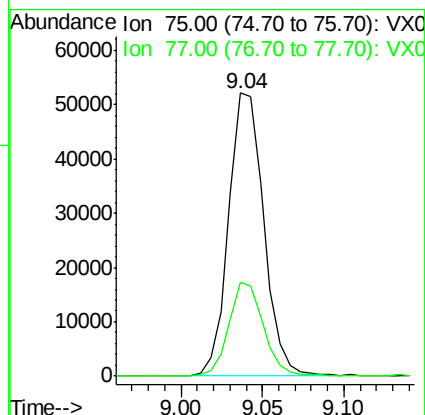
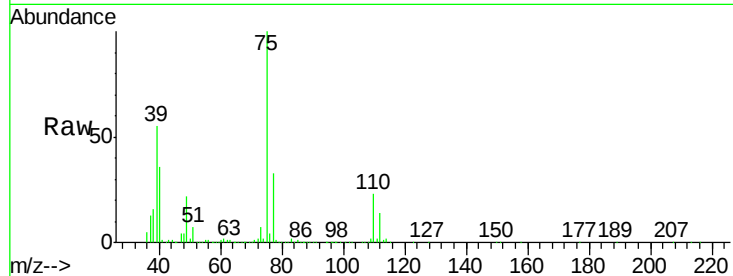
ICVVX031819

Tot Ion: 75 Resp: 77824

Ion Ratio Lower Upper

75 100

77 32.9 24.5 36.7



#49

cis-1,3-Dichloropropene

Concen: 18.659 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

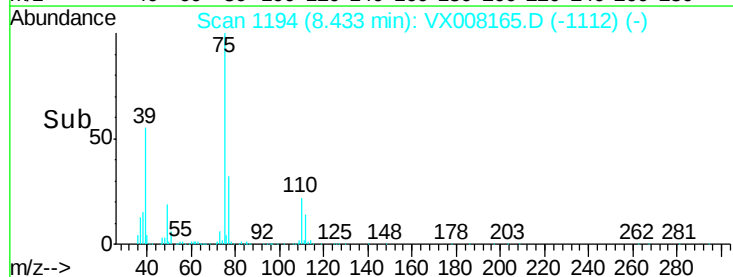
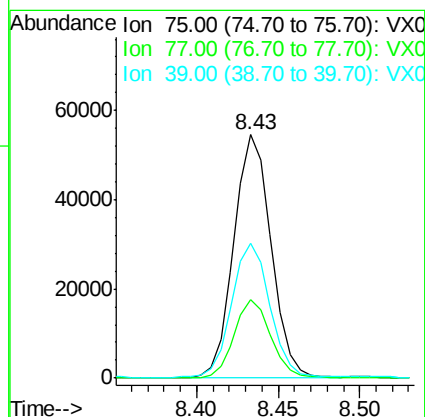
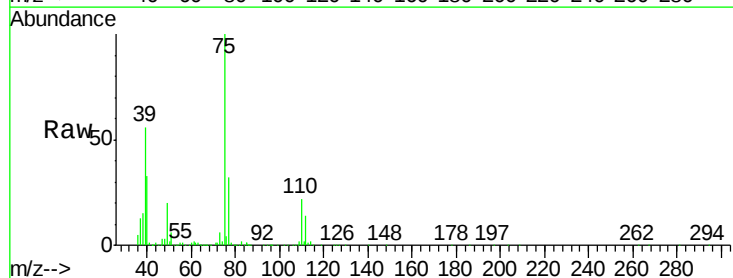
Tgt Ion: 75 Resp: 86803

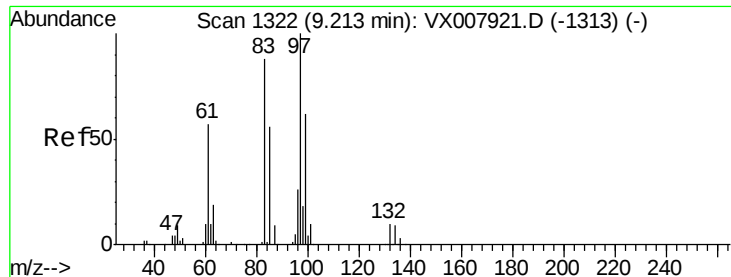
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

39 55.3 38.5 57.7

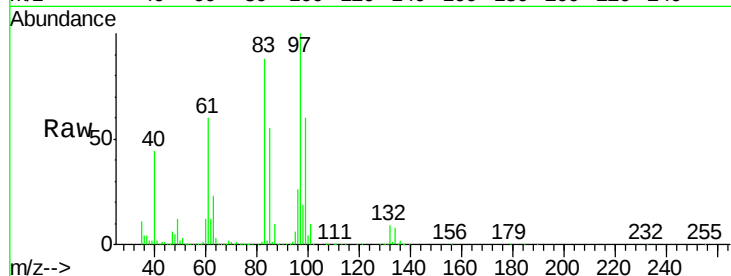




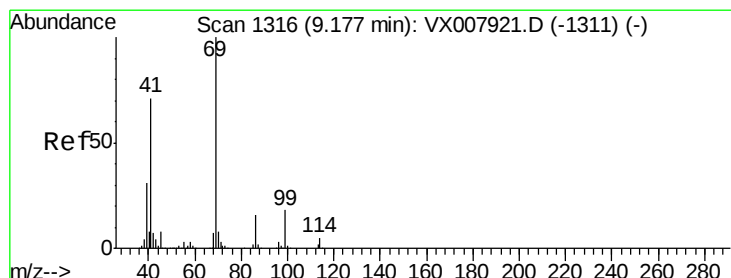
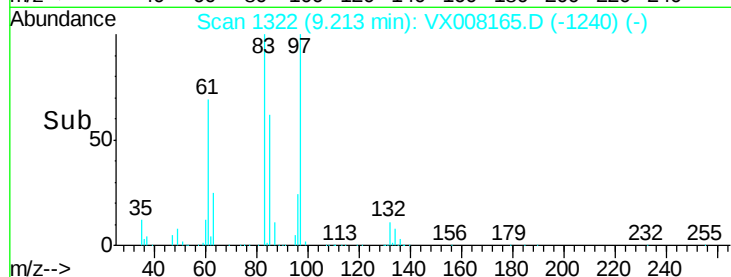
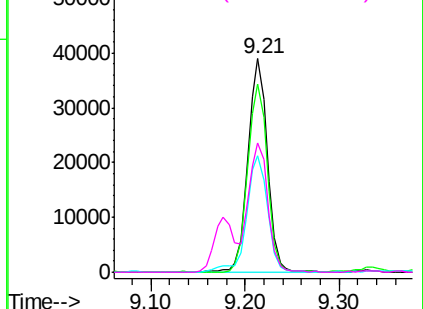
#50
 1,1,2-Trichloroethane
 Concen: 20.183 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion: 97 Resp: 56694
 Ion Ratio Lower Upper
 97 100
 83 87.8 72.0 108.0
 85 54.6 45.0 67.6
 99 60.3 54.2 81.4

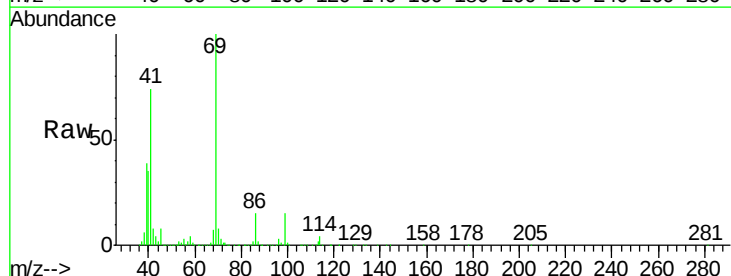


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

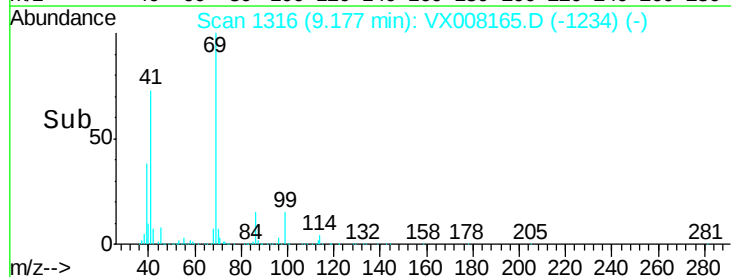
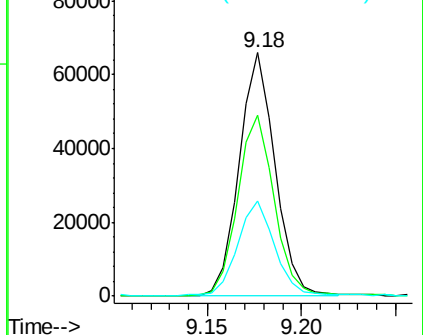


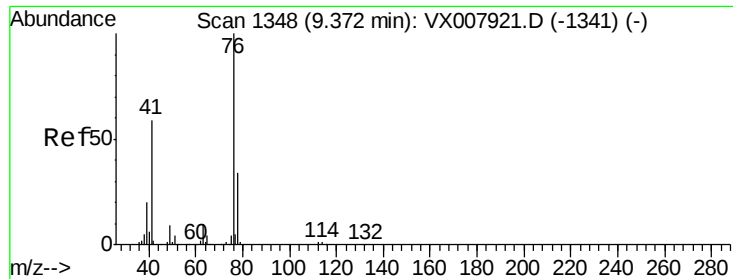
#51
 Ethyl methacrylate
 Concen: 19.042 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion: 69 Resp: 86713
 Ion Ratio Lower Upper
 69 100
 41 74.0 32.1 96.5
 39 38.5 18.8 56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 19.818 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

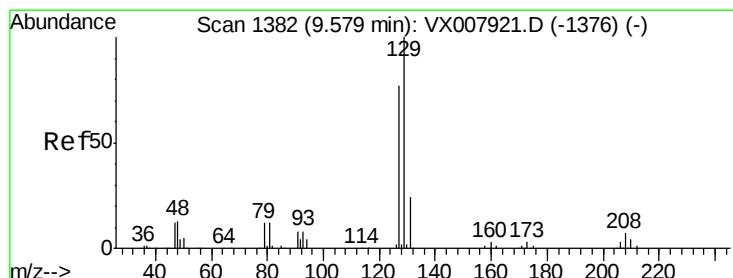
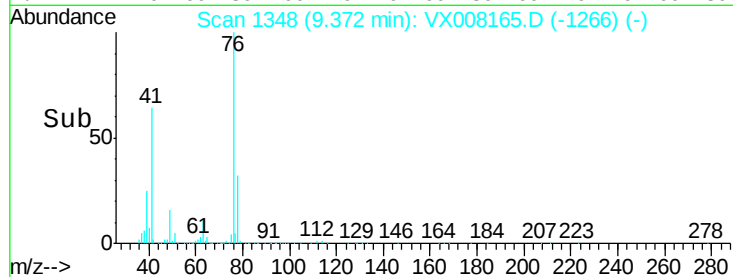
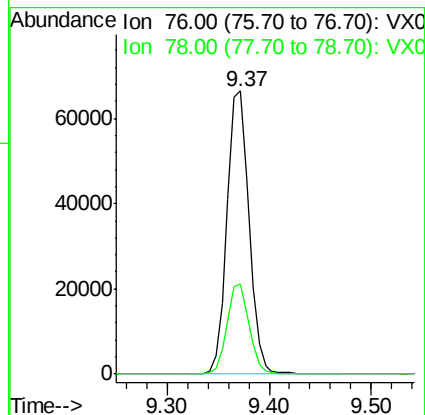
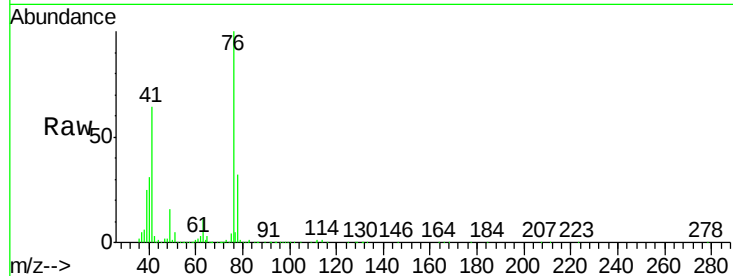
ICVVX031819

Tot Ion: 76 Resp: 99679

Ion Ratio Lower Upper

76 100

78 31.4 0.0 65.2



#53

Dibromochloromethane

Concen: 18.776 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008165.D

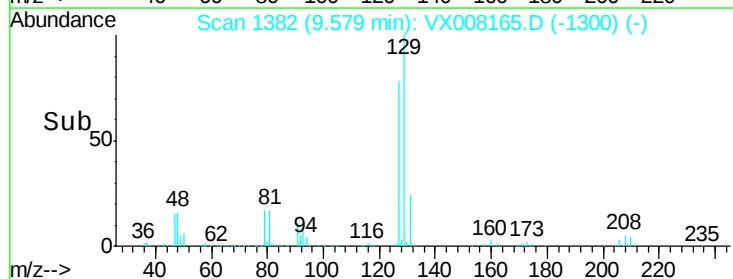
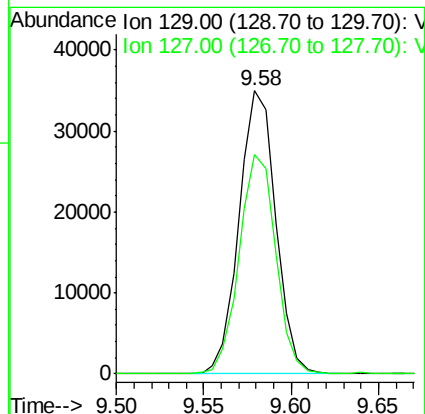
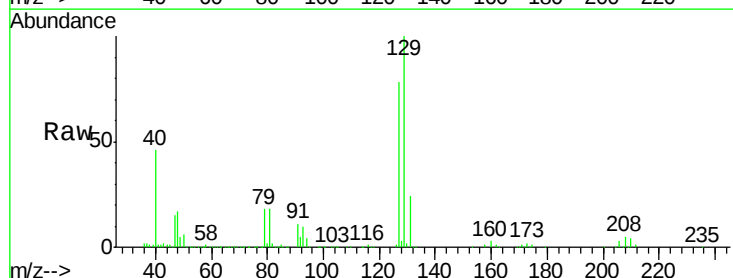
Acq: 18 Mar 2019 14:28

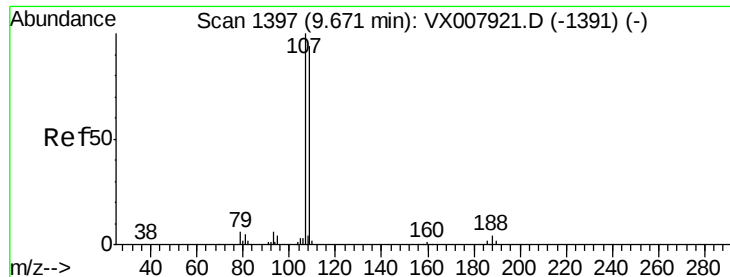
Tgt Ion: 129 Resp: 50997

Ion Ratio Lower Upper

129 100

127 77.5 38.4 115.2





#54

1,2-Dibromoethane

Concen: 19.623 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

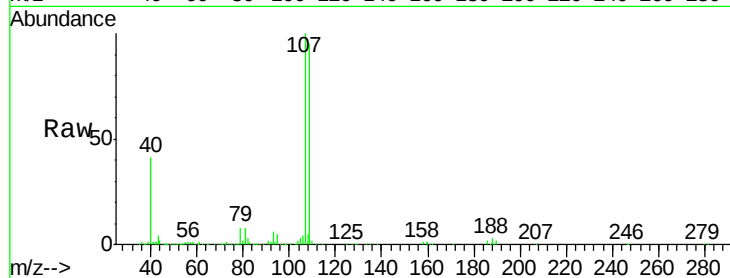
ICVVX031819

Tot Ion:107 Resp: 57528

Ion Ratio Lower Upper

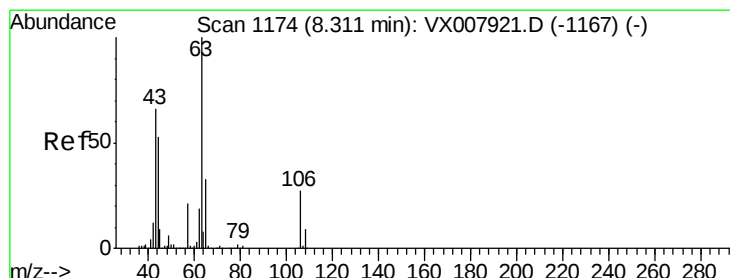
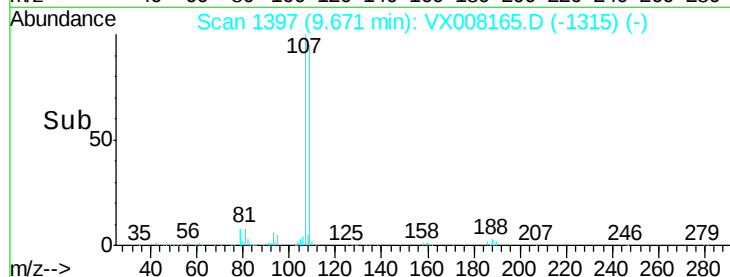
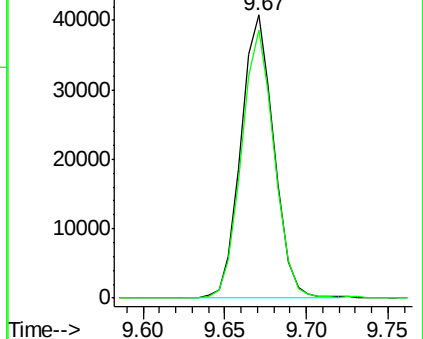
107 100

109 94.1 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 102.222 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

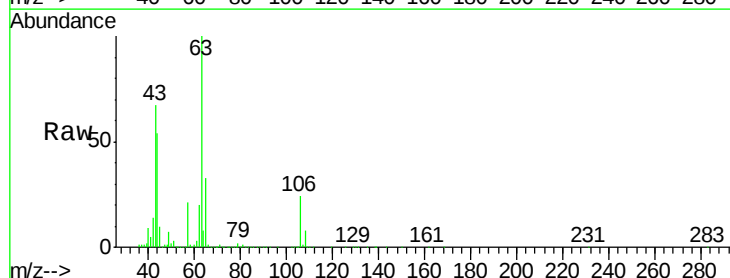
Tgt Ion: 63 Resp: 331407

Ion Ratio Lower Upper

63 100

65 31.8 25.7 38.5

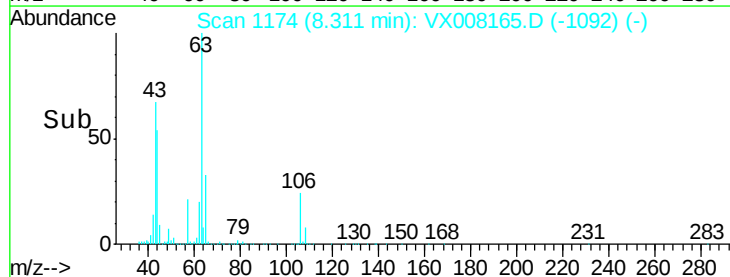
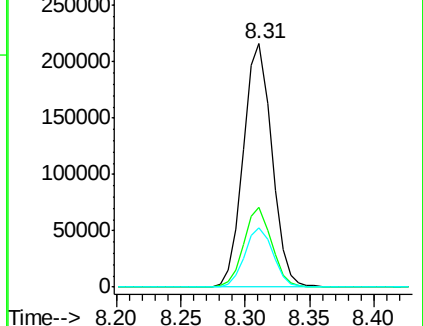
106 24.4 23.7 35.5

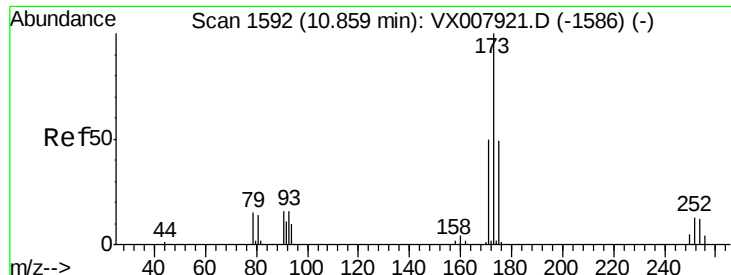


Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 106.00 (105.70 to 106.70): V

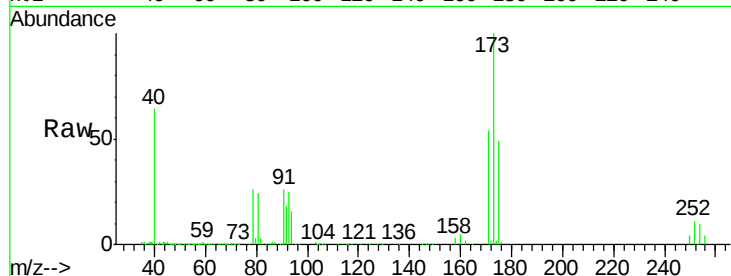




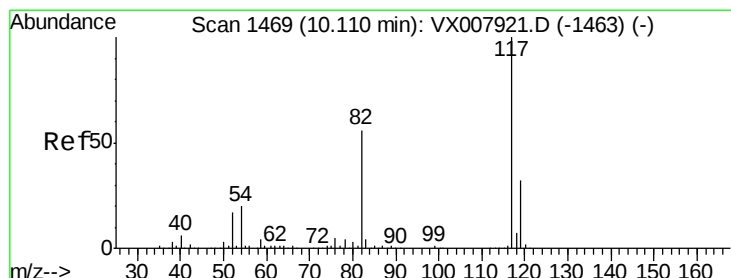
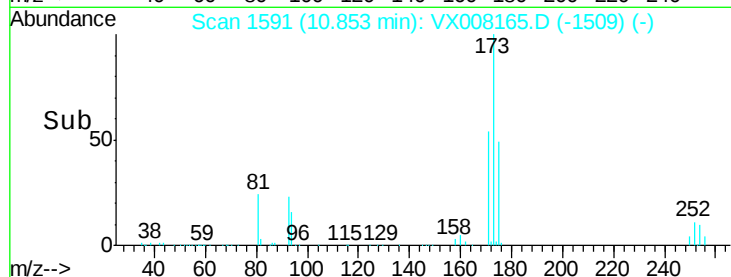
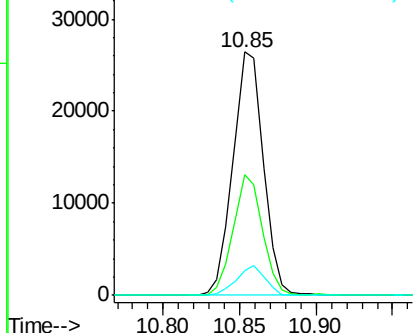
#56
Bromoform
Concen: 18.702 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

Tot Ion:173 Resp: 36546
Ion Ratio Lower Upper
173 100
175 47.5 38.5 57.7
254 11.2 7.4 11.2#

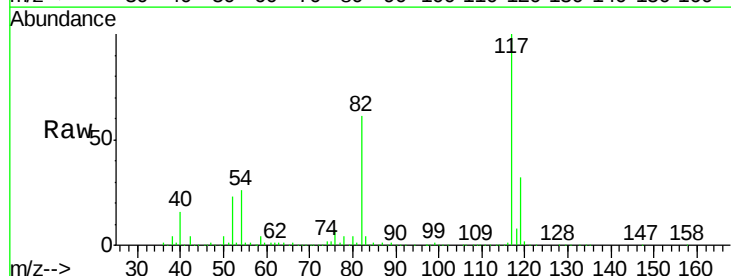


Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V

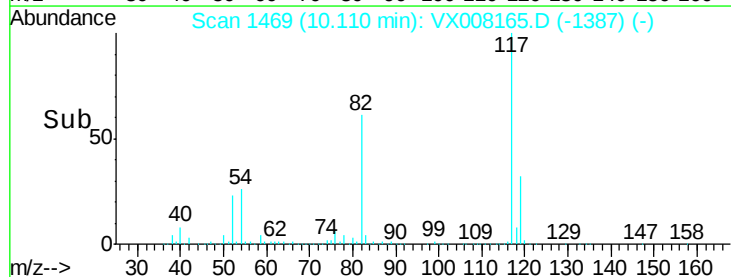
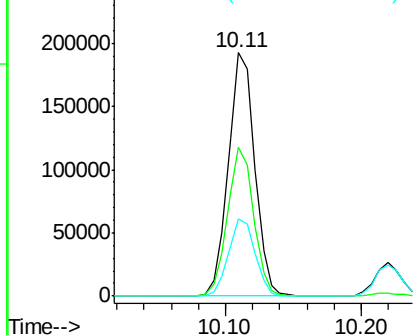


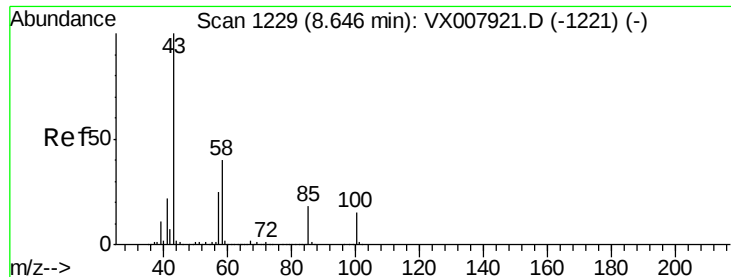
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion:117 Resp: 259309
Ion Ratio Lower Upper
117 100
82 60.2 40.4 60.6
119 32.2 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

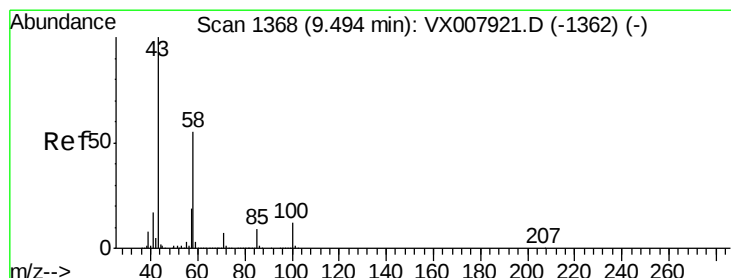
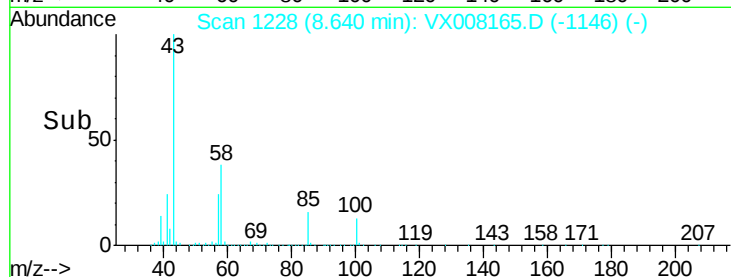
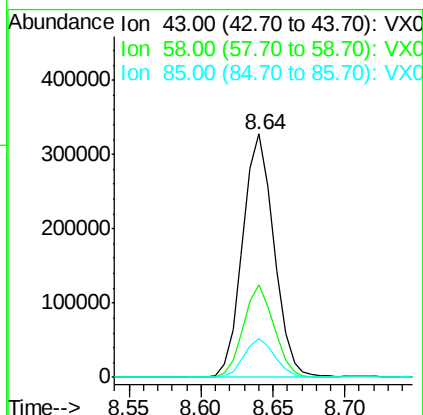
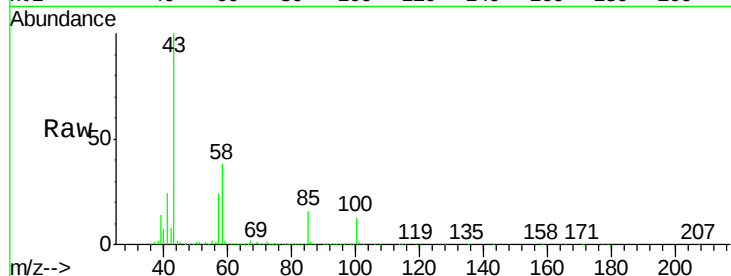




#58
4-Methyl-2-Pentanone
Concen: 99.713 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

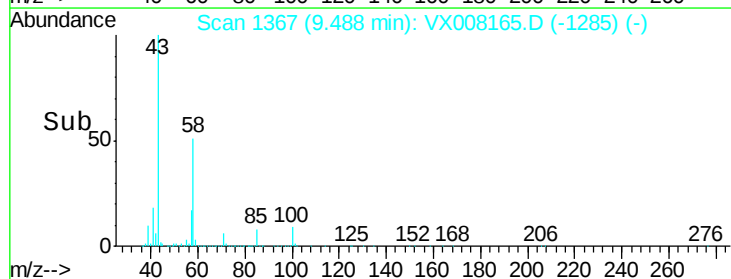
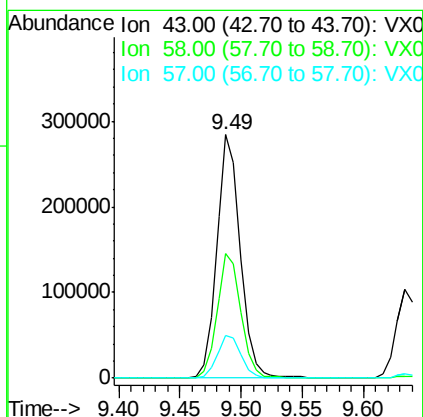
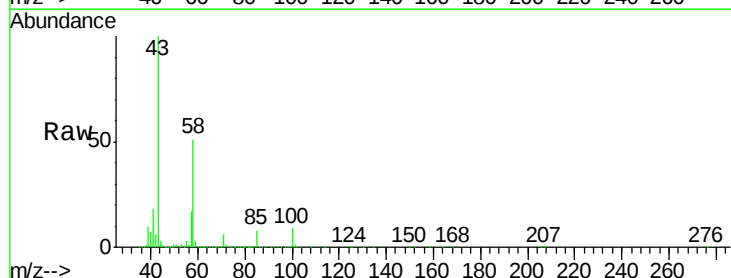
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

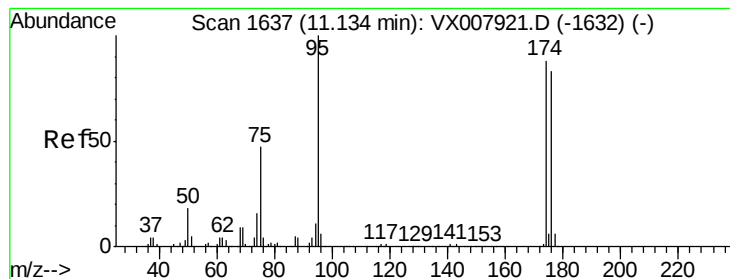
Tot Ion: 43 Resp: 494507
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.0
85 15.8 15.0 22.6



#59
2-Hexanone
Concen: 96.876 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion: 43 Resp: 379058
Ion Ratio Lower Upper
43 100
58 51.8 43.9 65.9
57 17.6 14.9 22.3





#60

4-Bromofluorobenzene

Concen: 30.609 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

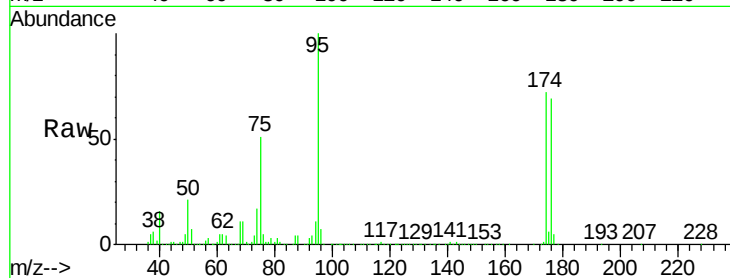
Tot Ion: 95 Resp: 132466

Ion Ratio Lower Upper

95 100

174 76.0 74.9 112.3

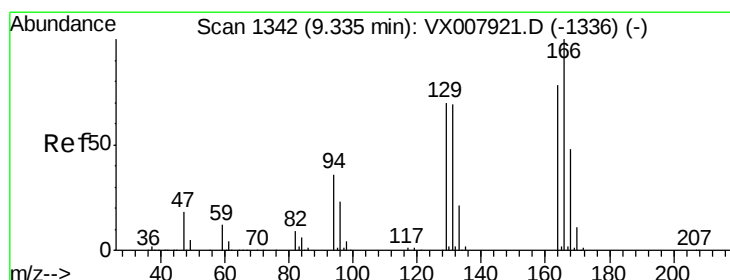
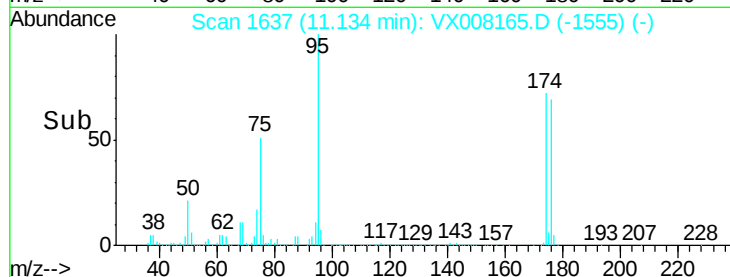
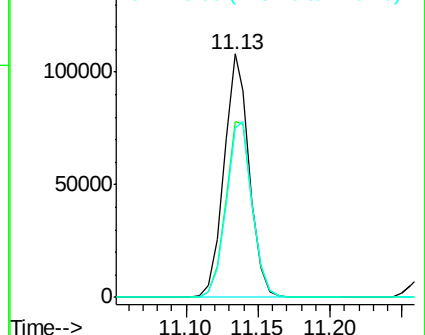
176 74.7 70.7 106.1



Abundance Ion 95.00 (94.70 to 95.70): VX008165.D (-1555) (-)

Ion 174.00 (173.70 to 174.70): VX008165.D (-1555) (-)

Ion 176.00 (175.70 to 176.70): VX008165.D (-1555) (-)



#61

Tetrachloroethene

Concen: 19.879 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Tgt Ion: 164 Resp: 51915

Ion Ratio Lower Upper

164 100

166 128.6 103.9 155.9

129 92.2 74.7 112.1

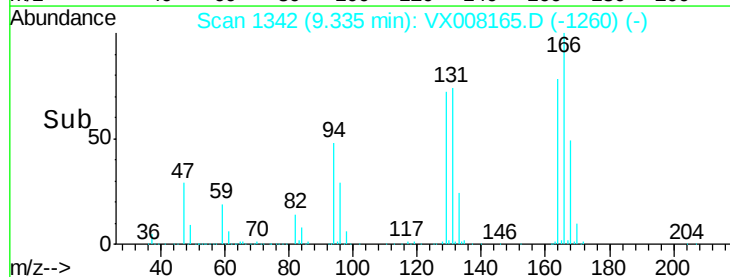
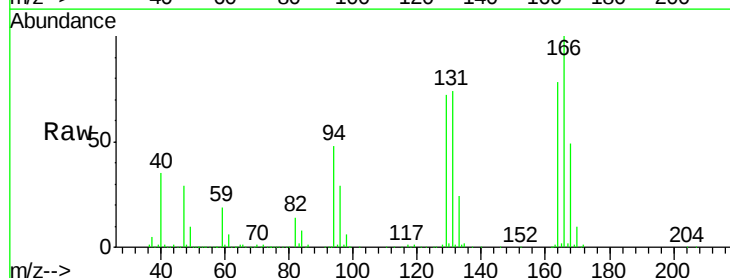
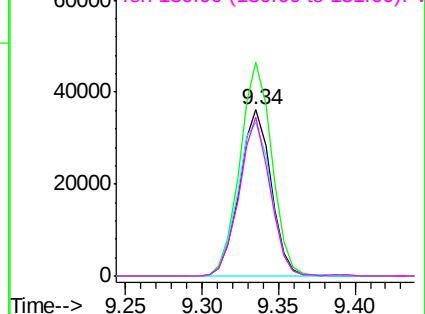
131 95.2 71.7 107.5

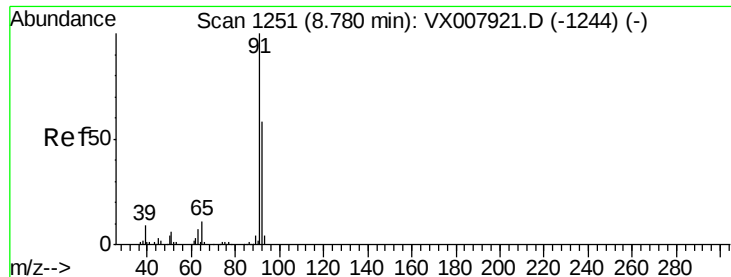
Abundance Ion 163.85 (163.55 to 164.55): VX008165.D (-1260) (-)

Ion 165.80 (165.50 to 166.50): VX008165.D (-1260) (-)

Ion 128.90 (128.60 to 129.60): VX008165.D (-1260) (-)

Ion 130.90 (130.60 to 131.60): VX008165.D (-1260) (-)





#62

Toluene

Concen: 19.593 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

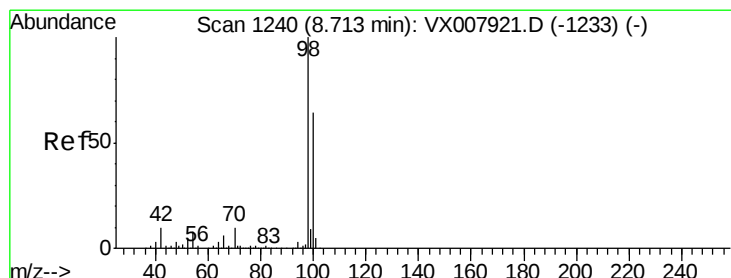
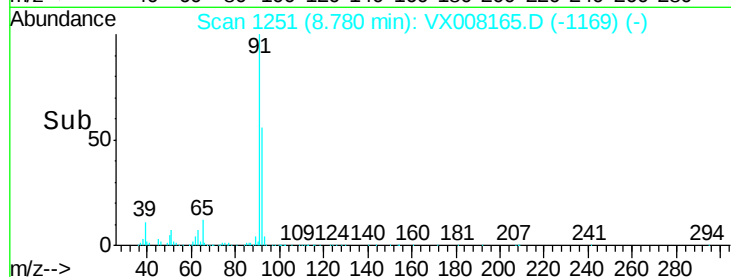
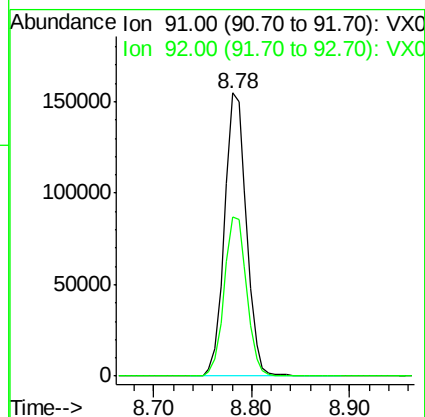
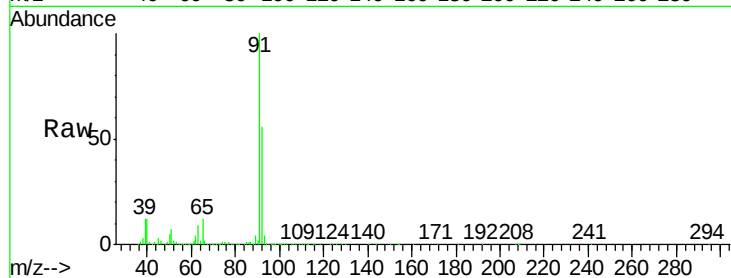
ICVVX031819

Tot Ion: 91 Resp: 240283

Ion Ratio Lower Upper

91 100

92 57.5 46.4 69.6



#63

Toluene-d8

Concen: 29.964 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008165.D

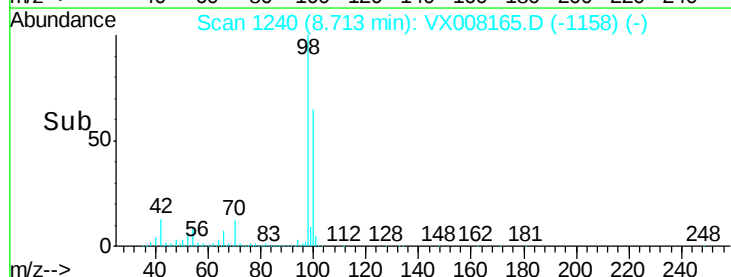
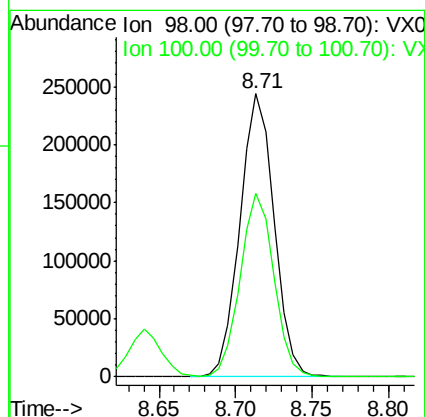
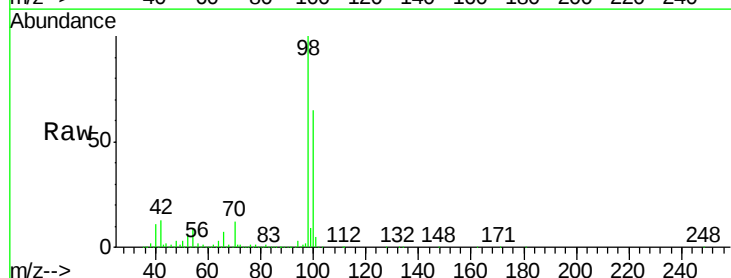
Acq: 18 Mar 2019 14:28

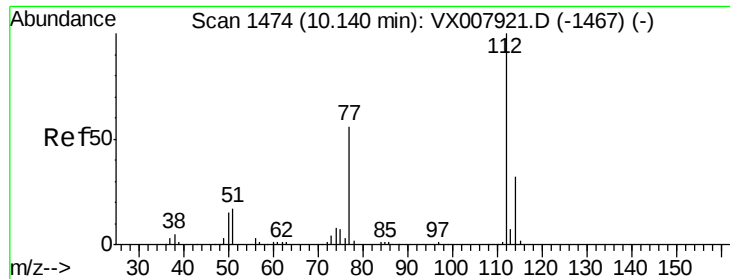
Tgt Ion: 98 Resp: 377522

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3

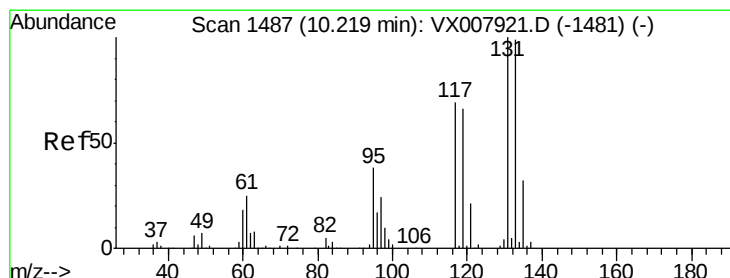
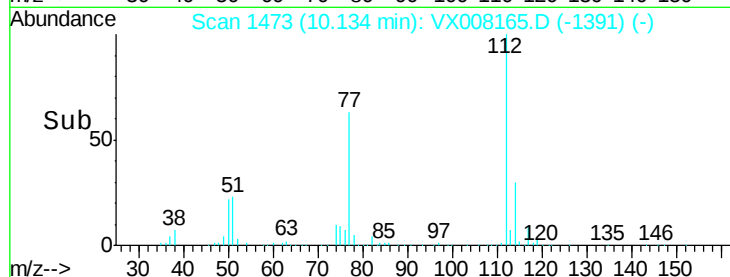
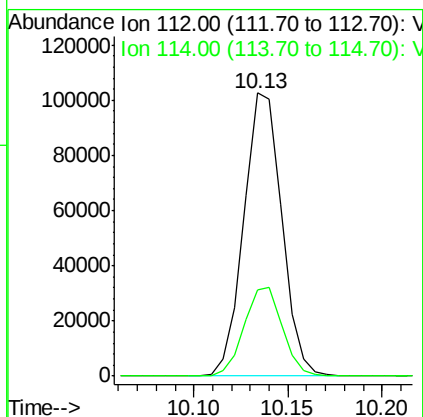
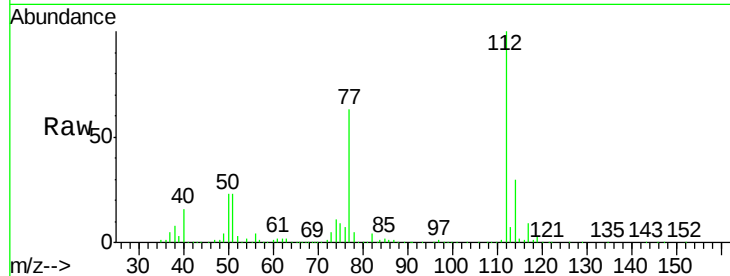




#64
Chlorobenzene
Concen: 19.769 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

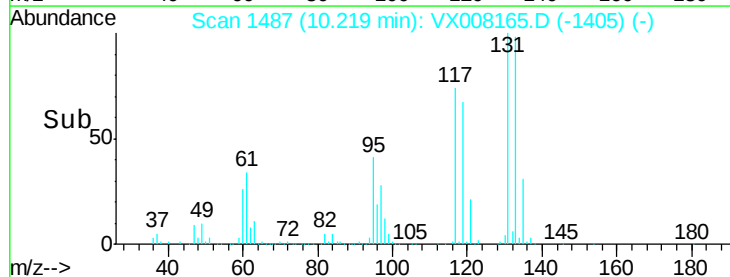
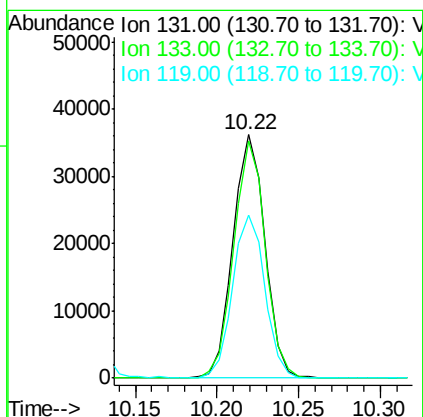
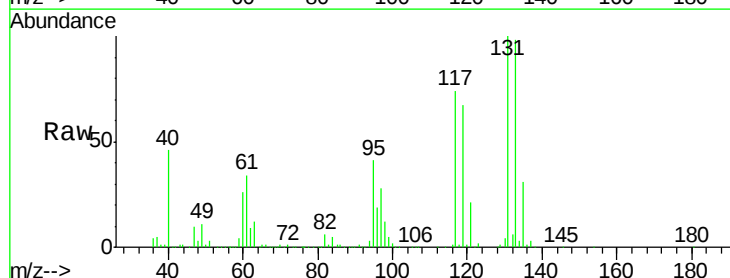
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

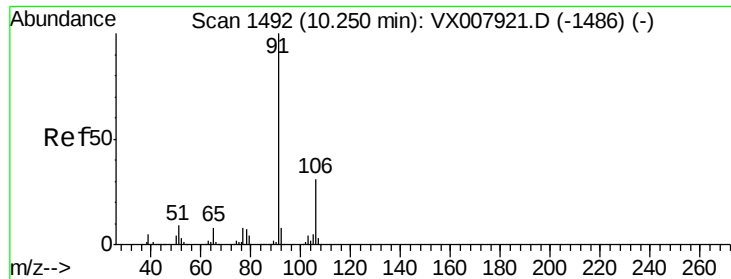
Tot Ion:112 Resp: 144287
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.2



#65
1,1,1,2-Tetrachloroethane
Concen: 19.315 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion:131 Resp: 49432
Ion Ratio Lower Upper
131 100
133 96.1 0.0 191.6
119 67.5 0.0 127.4





#66

Ethyl Benzene

Concen: 19.509 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

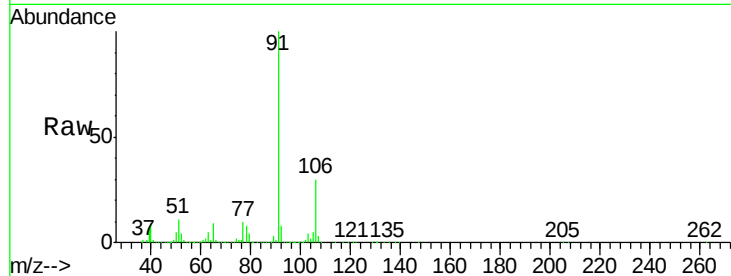
ICVVX031819

Tot Ion: 91 Resp: 255539

Ion Ratio Lower Upper

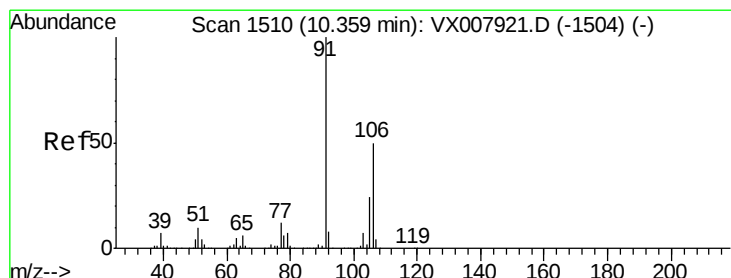
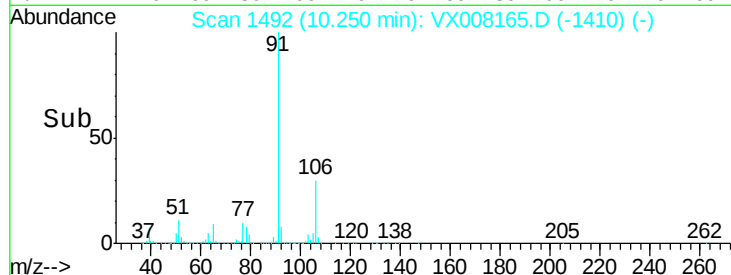
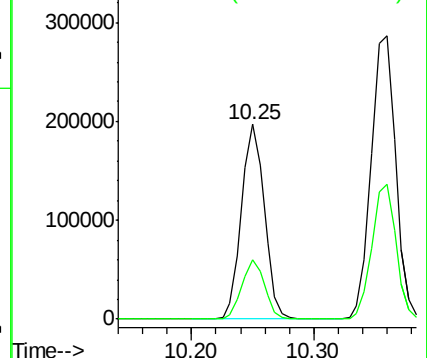
91 100

106 30.4 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#67

m/p-Xylenes

Concen: 38.644 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008165.D

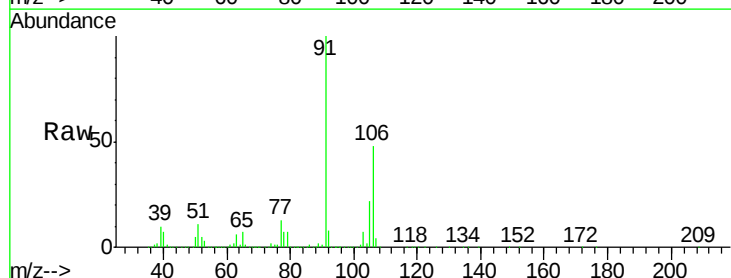
Acq: 18 Mar 2019 14:28

Tgt Ion: 106 Resp: 186995

Ion Ratio Lower Upper

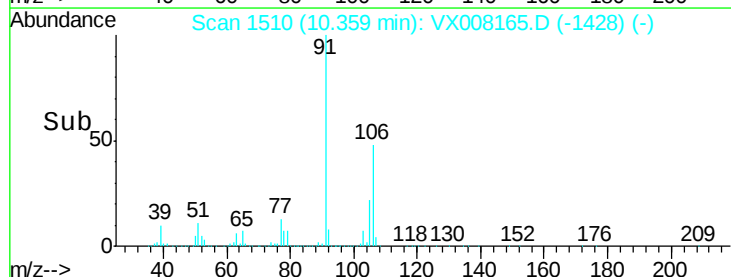
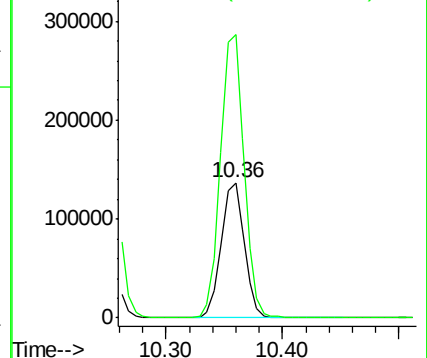
106 100

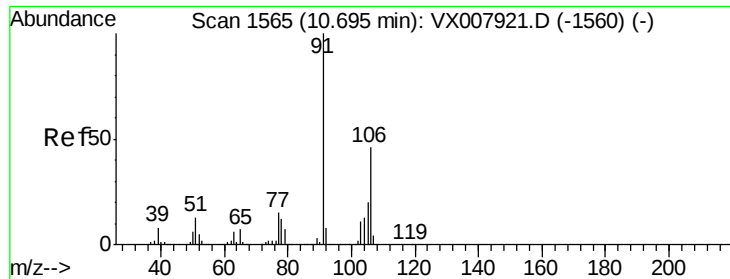
91 213.3 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

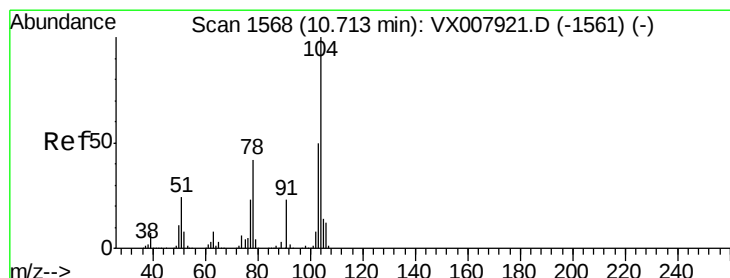
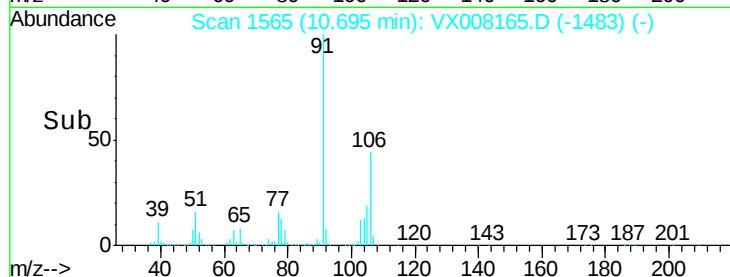
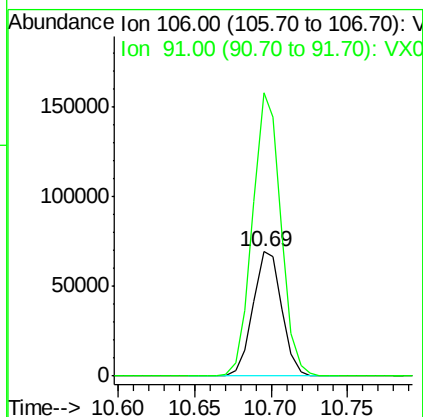
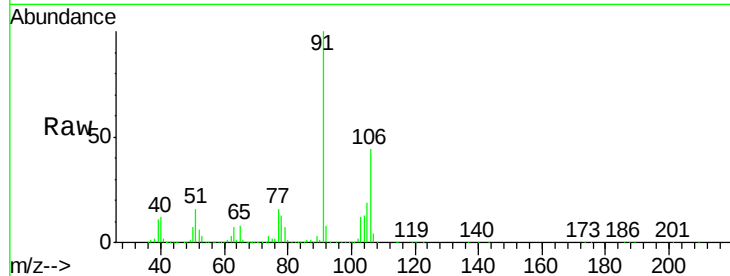




#68
o-Xylene
Concen: 19.637 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

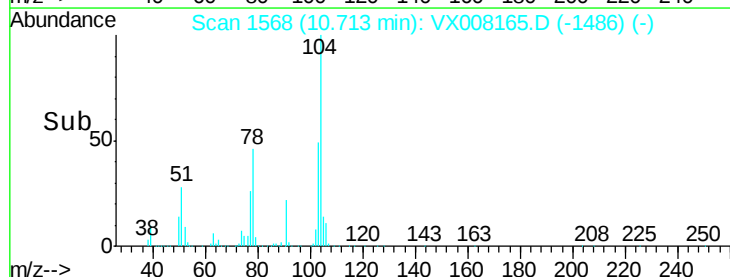
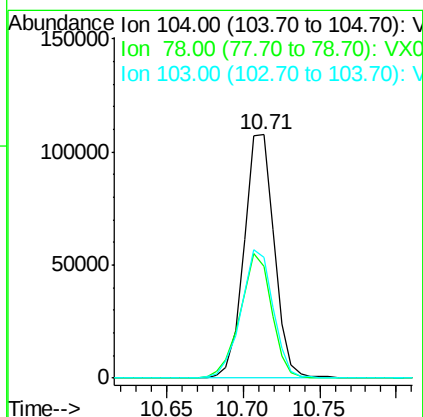
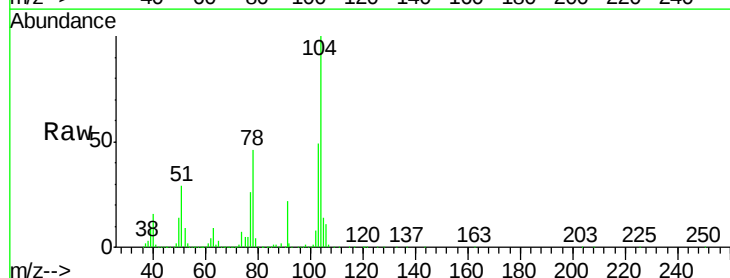
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

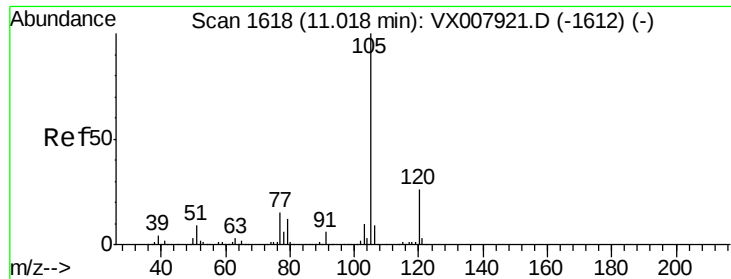
Tot Ion:106 Resp: 91309
Ion Ratio Lower Upper
106 100
91 222.2 104.4 313.2



#69
Styrene
Concen: 19.452 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion:104 Resp: 147333
Ion Ratio Lower Upper
104 100
78 53.2 38.2 57.2
103 56.2 45.0 67.4





#70

Isopropylbenzene

Concen: 19.754 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

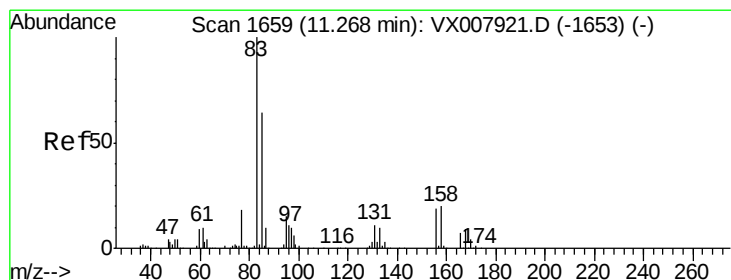
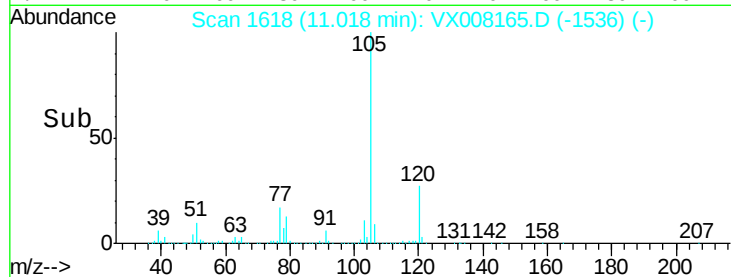
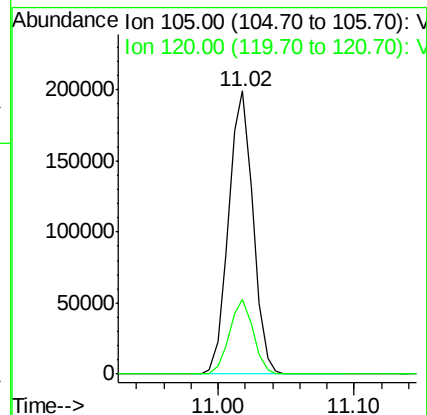
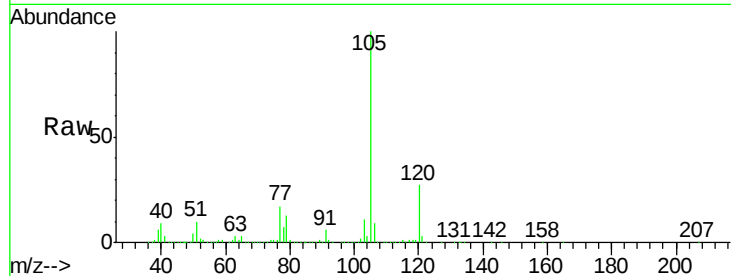
ICVVX031819

Tot Ion:105 Resp: 247670

Ion Ratio Lower Upper

105 100

120 25.9 19.8 36.8



#71

1,1,2,2-Tetrachloroethane

Concen: 20.171 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

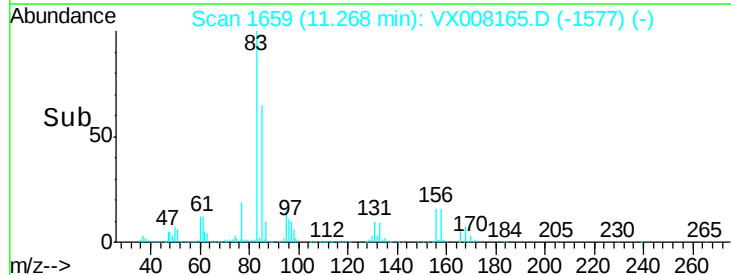
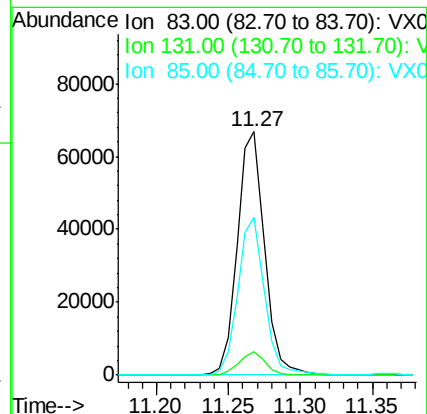
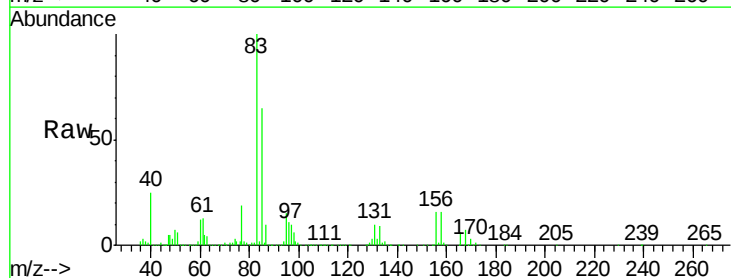
Tgt Ion: 83 Resp: 88587

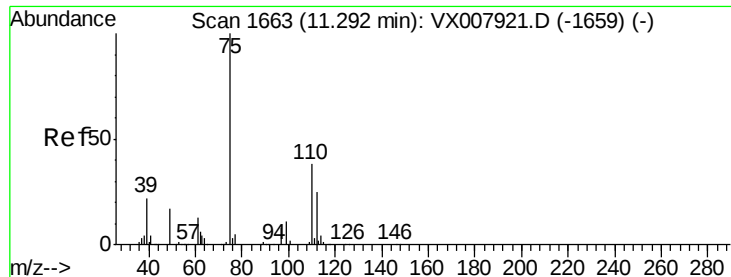
Ion Ratio Lower Upper

83 100

131 9.2 5.4 16.2

85 63.8 32.8 98.4





#72

1,2,3-Trichloropropane

Concen: 27.288 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

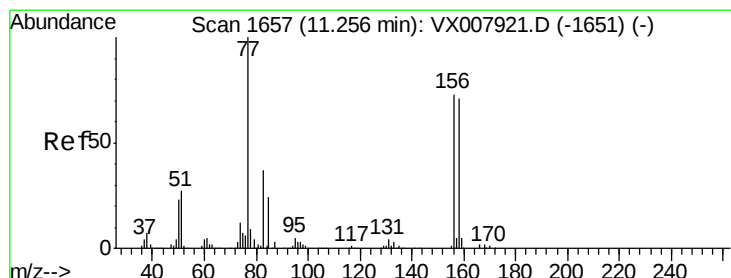
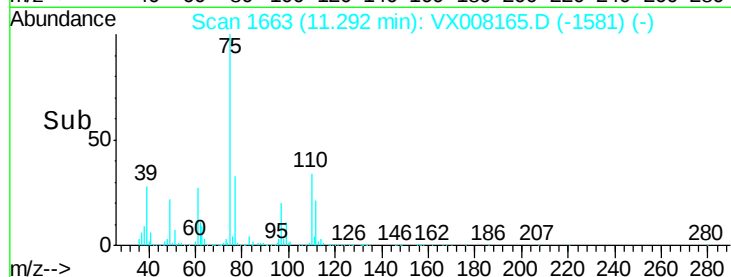
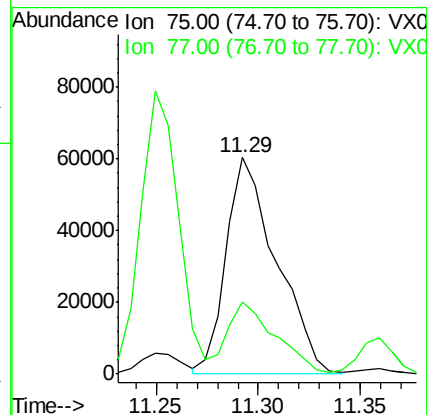
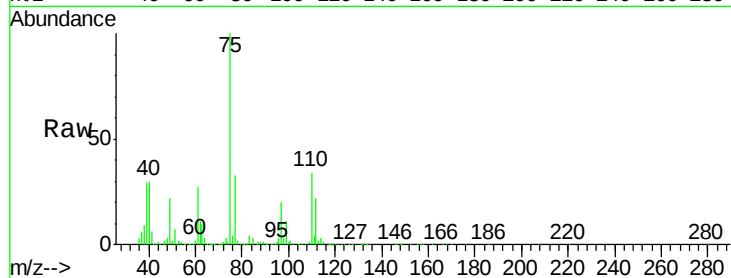
ICVVX031819

Tot Ion: 75 Resp: 103345

Ion Ratio Lower Upper

75 100

77 32.2 0.0 76.4



#73

Bromobenzene

Concen: 19.430 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

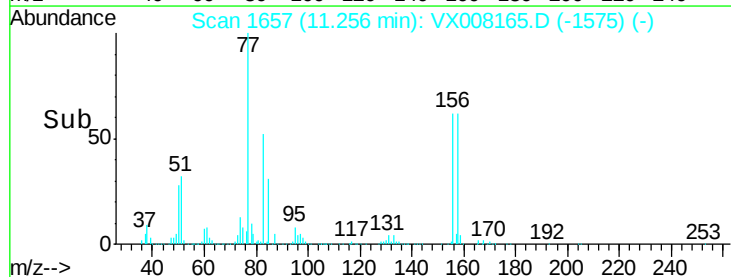
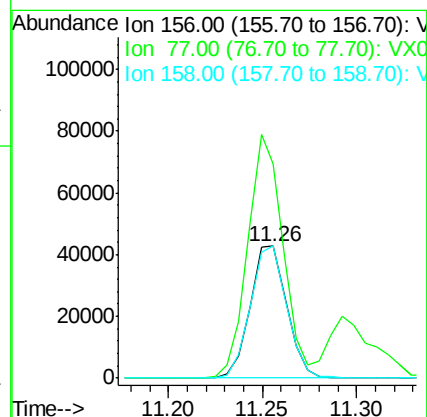
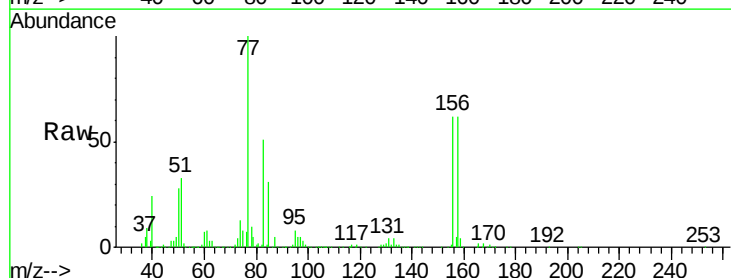
Tgt Ion: 156 Resp: 57668

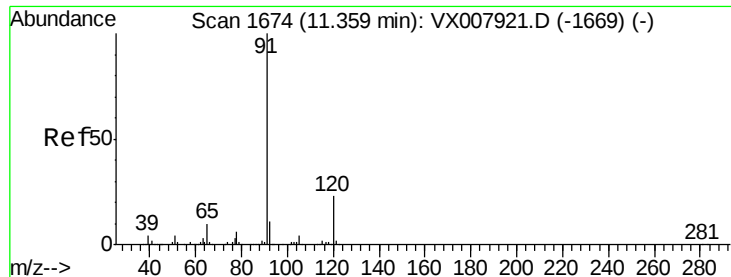
Ion Ratio Lower Upper

156 100

77 175.8 0.0 271.4

158 98.9 0.0 194.0





#74

n-propylbenzene

Concen: 19.595 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

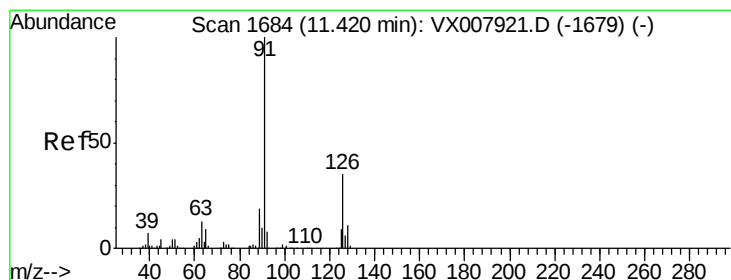
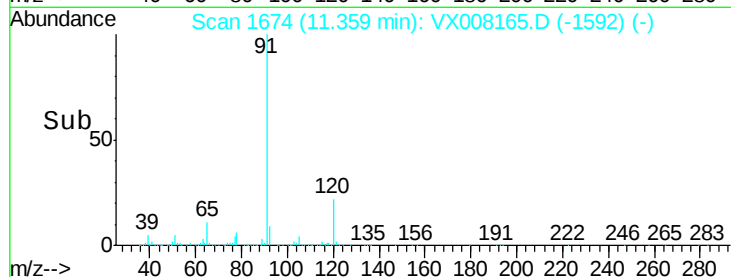
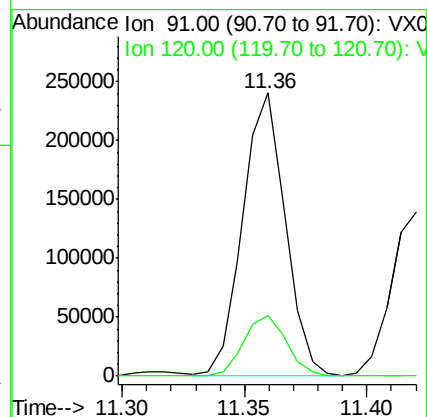
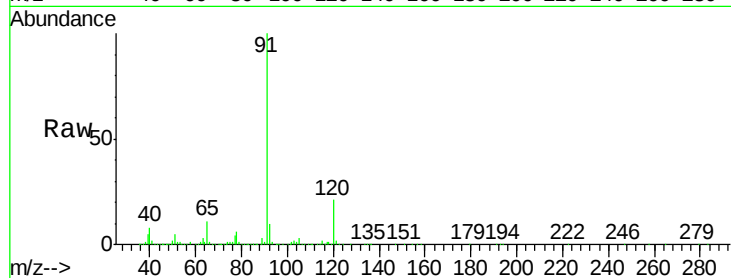
ICVVX031819

Tot Ion: 91 Resp: 290876

Ion Ratio Lower Upper

91 100

120 21.6 0.0 48.6



#75

2-Chlorotoluene

Concen: 19.770 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008165.D

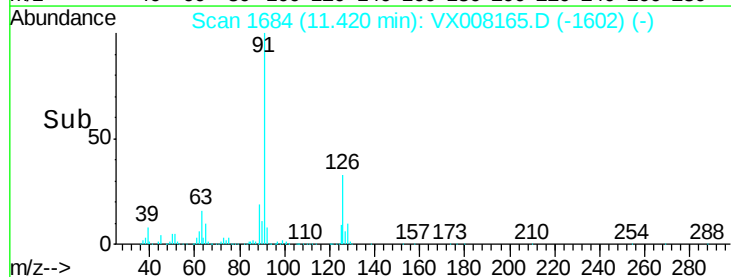
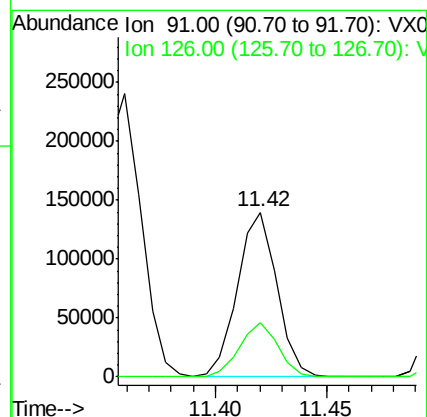
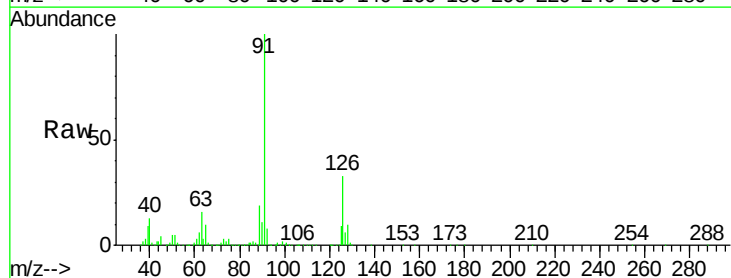
Acq: 18 Mar 2019 14:28

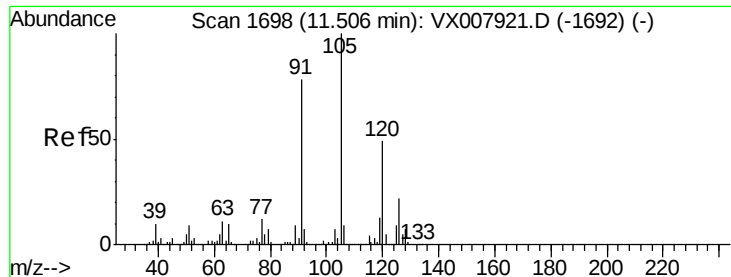
Tgt Ion: 91 Resp: 172400

Ion Ratio Lower Upper

91 100

126 32.2 0.0 75.2





#76

1,3,5-Trimethylbenzene

Concen: 19.834 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

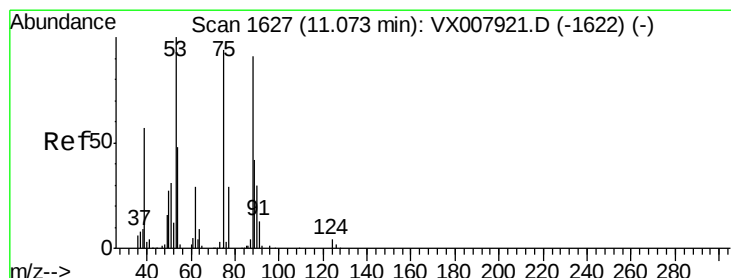
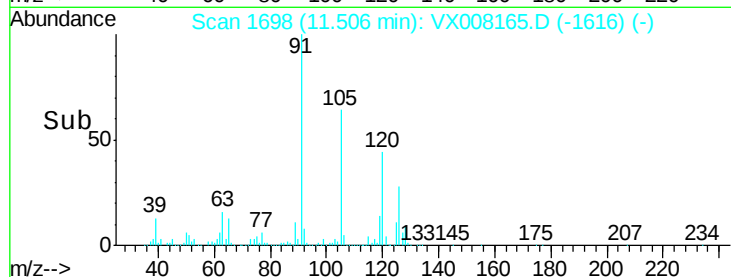
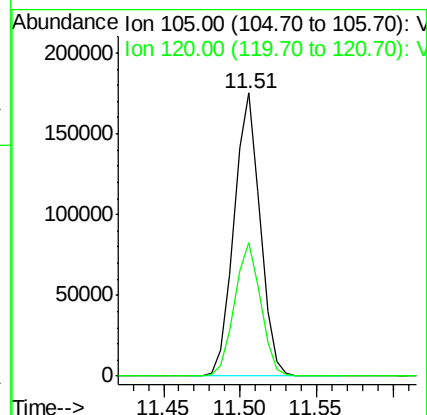
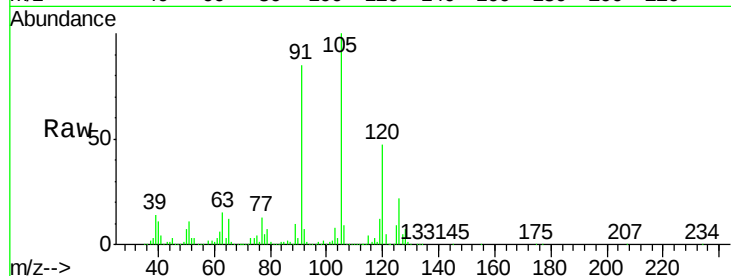
ICVVX031819

Tot Ion:105 Resp: 205639

Ion Ratio Lower Upper

105 100

120 47.6 0.0 101.0



#77

t-1,4-Dichloro-2-butene

Concen: 18.328 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

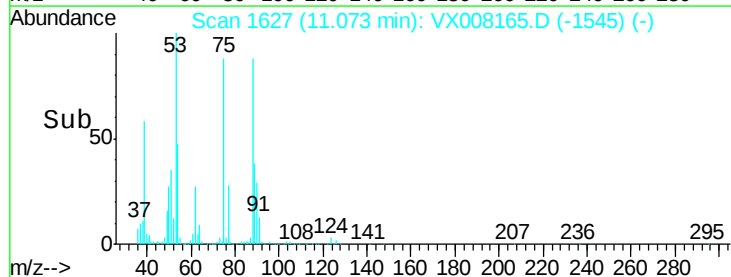
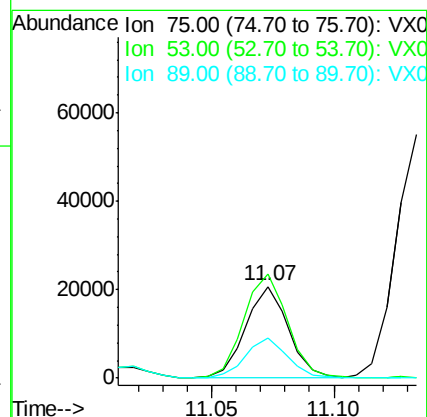
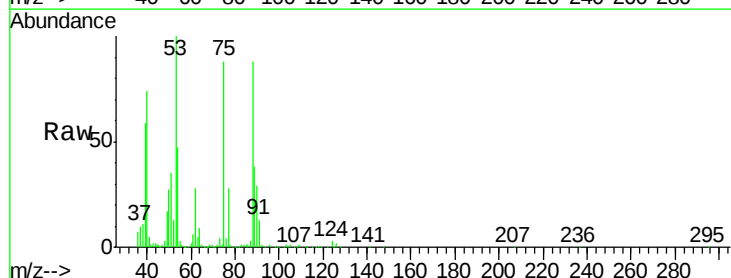
Tgt Ion: 75 Resp: 24942

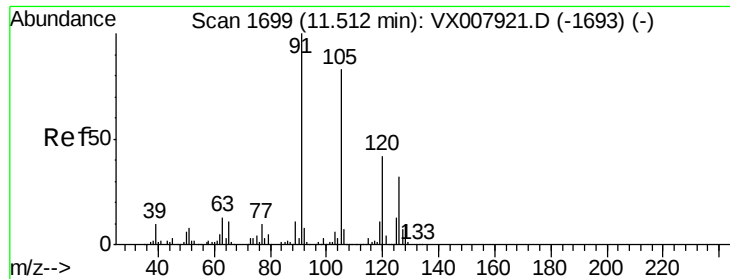
Ion Ratio Lower Upper

75 100

53 113.6 55.5 166.7

89 43.7 24.4 73.2

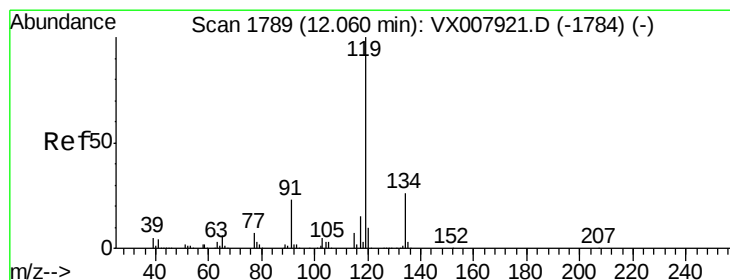
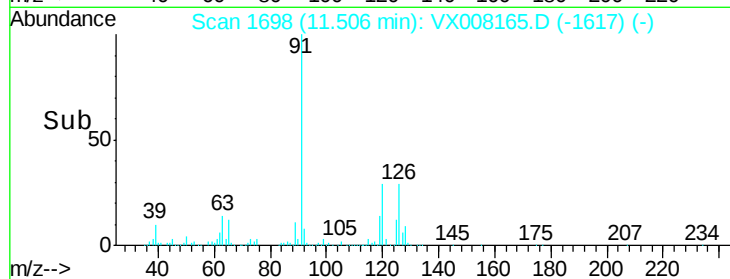
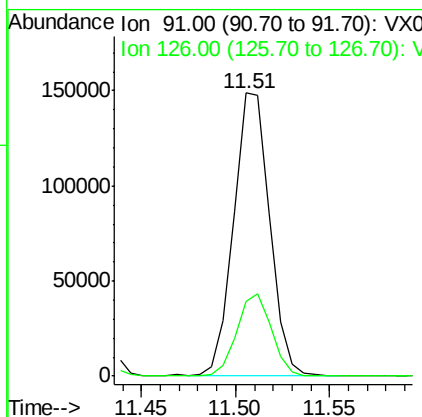
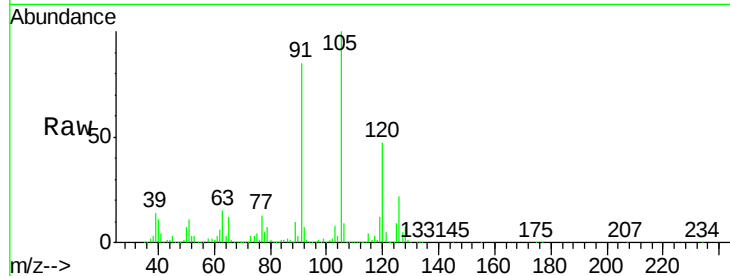




#78
4-Chlorotoluene
Concen: 19.564 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

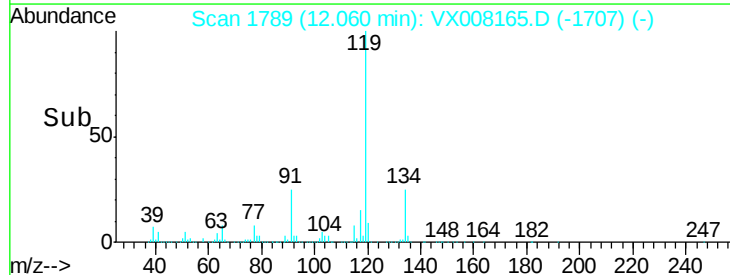
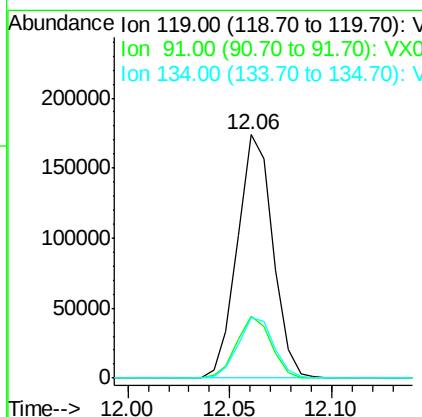
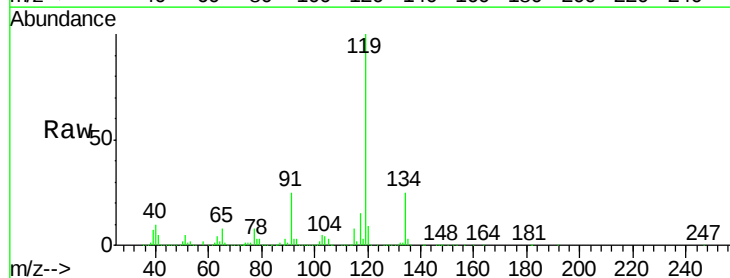
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

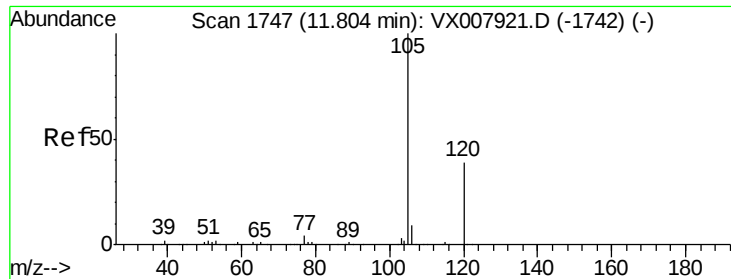
Tot Ion: 91 Resp: 196526
Ion Ratio Lower Upper
91 100
126 28.1 0.0 66.2



#79
tert-butylbenzene
Concen: 19.895 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion: 119 Resp: 210056
Ion Ratio Lower Upper
119 100
91 24.4 0.0 45.0
134 25.2 0.0 55.4





#80

1,2,4-Trimethylbenzene

Concen: 19.857 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

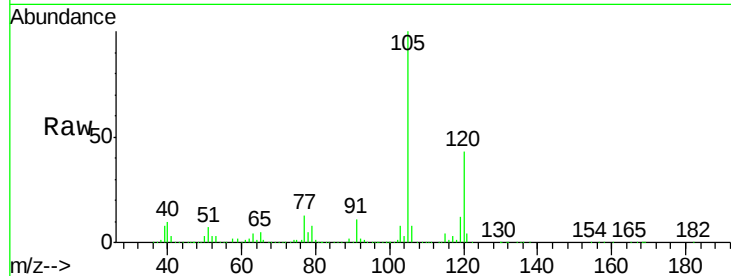
ICVVX031819

Tot Ion:105 Resp: 207810

Ion Ratio Lower Upper

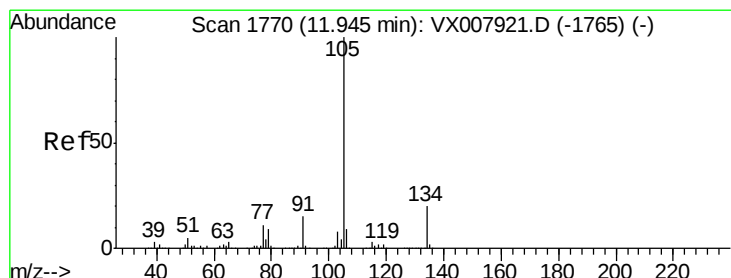
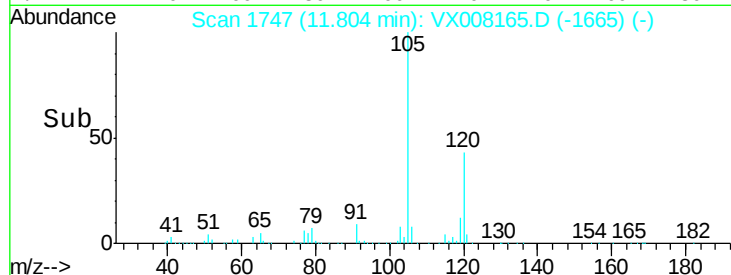
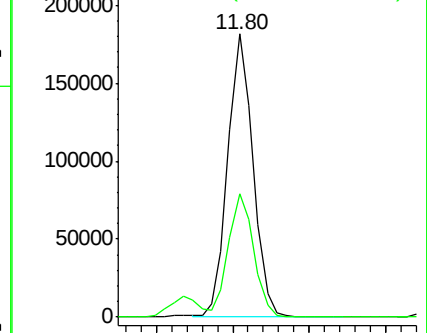
105 100

120 43.1 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 19.899 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008165.D

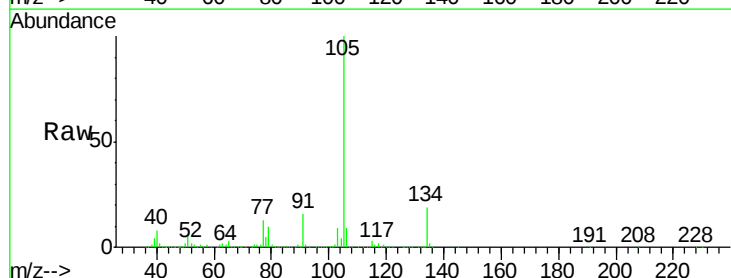
Acq: 18 Mar 2019 14:28

Tgt Ion:105 Resp: 246391

Ion Ratio Lower Upper

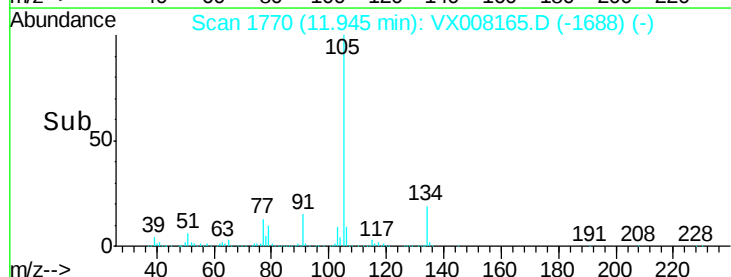
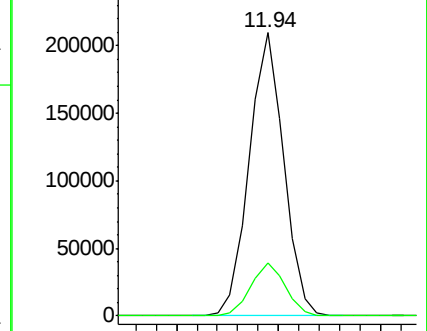
105 100

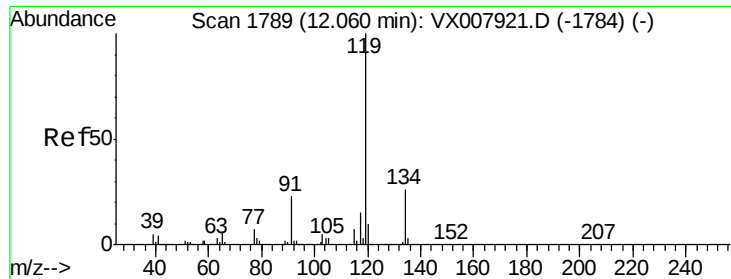
134 19.0 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

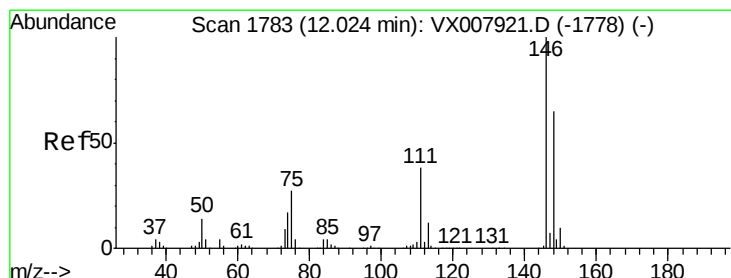
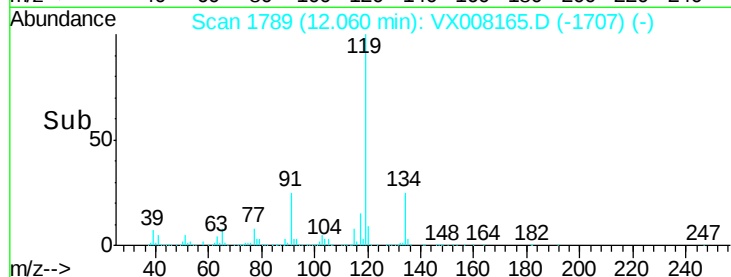
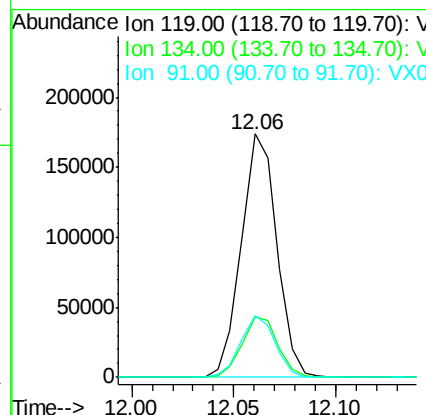
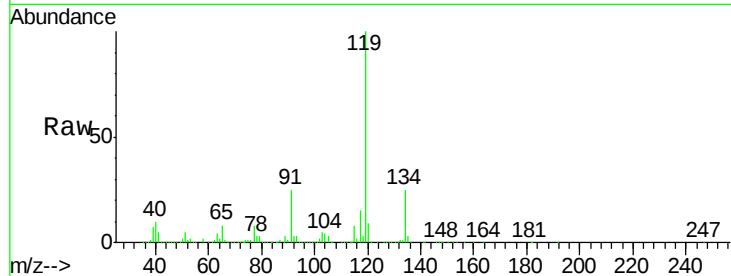




#82
 p-Isopropyltoluene
 Concen: 19.895 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

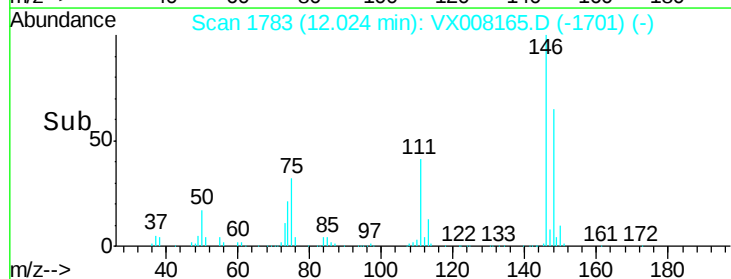
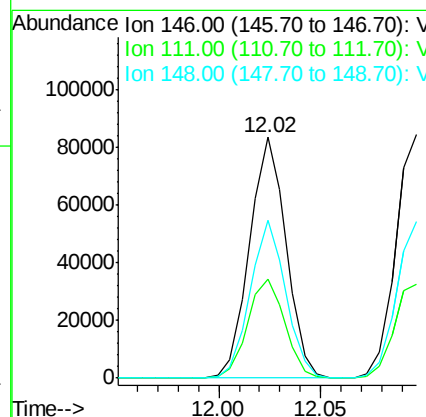
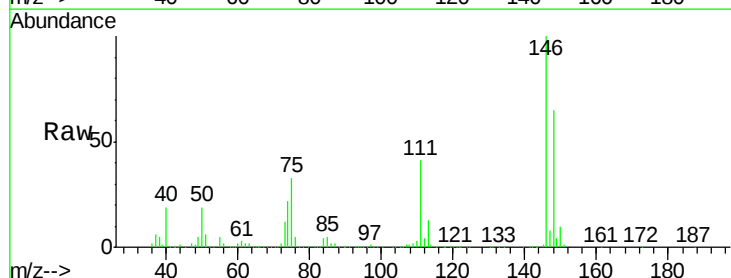
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

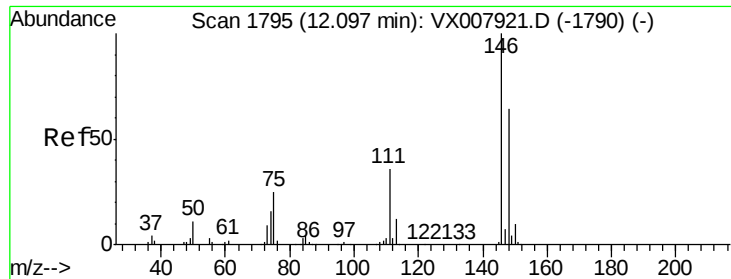
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	0.0	55.4
91	24.4	0.0	45.0



#83
 1,3-Dichlorobenzene
 Concen: 19.587 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.8	56.3
148	63.8	30.6	91.8





#84

1,4-Dichlorobenzene

Concen: 19.894 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

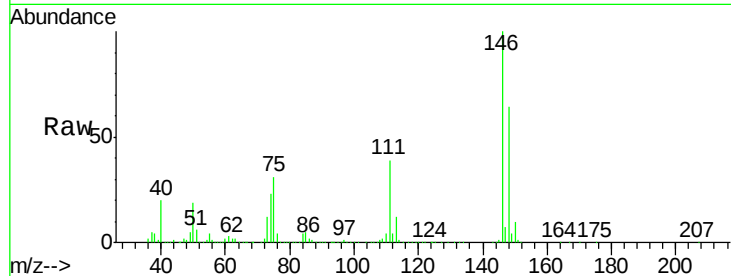
Tot Ion:146 Resp: 105017

Ion Ratio Lower Upper

146 100

111 39.3 17.6 52.8

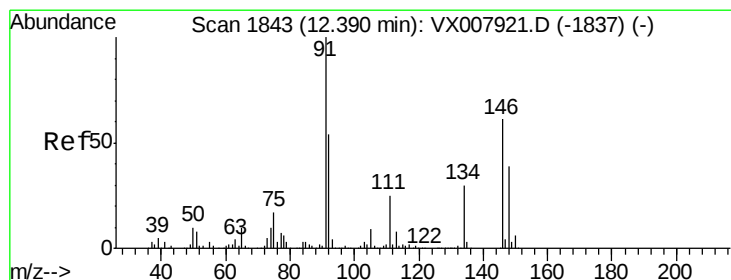
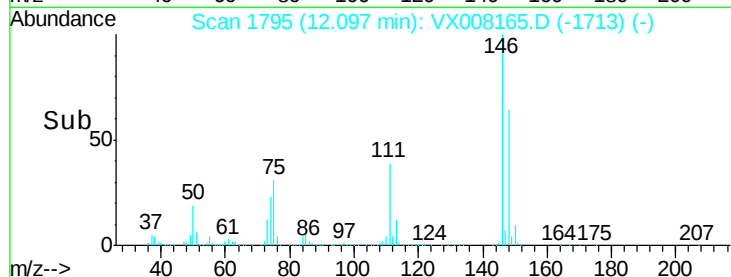
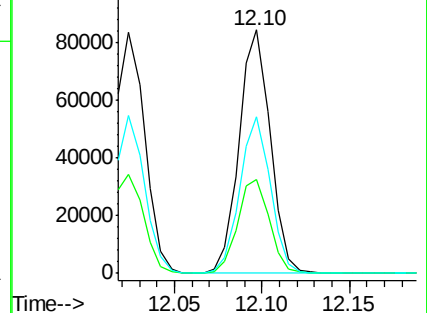
148 63.1 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#85

n-Butylbenzene

Concen: 19.303 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

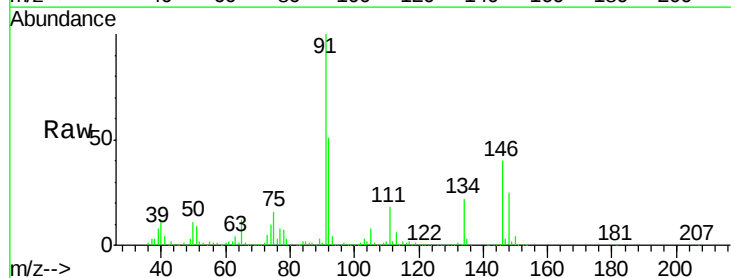
Tgt Ion: 91 Resp: 192168

Ion Ratio Lower Upper

91 100

92 52.2 0.0 105.2

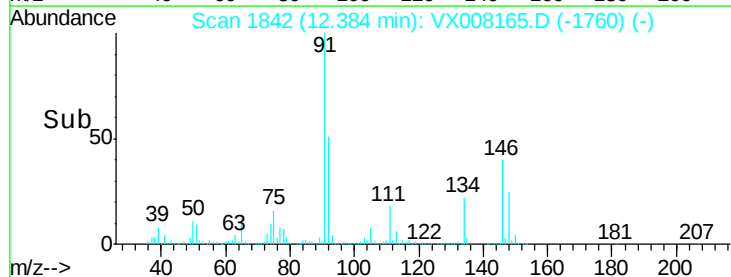
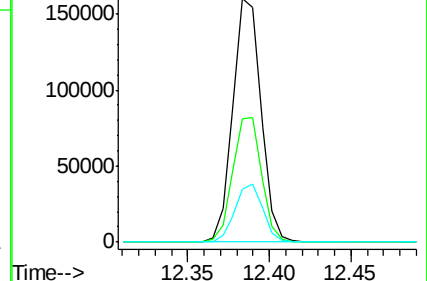
134 23.7 0.0 56.4

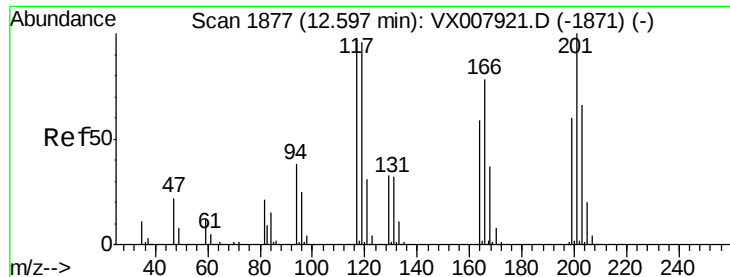


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#86

Hexachloroethane

Concen: 19.172 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

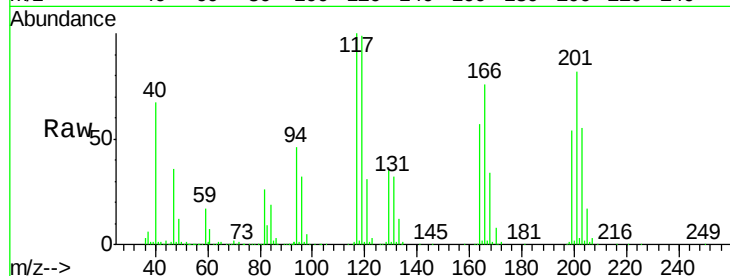
ICVVX031819

Tot Ion:117 Resp: 34698

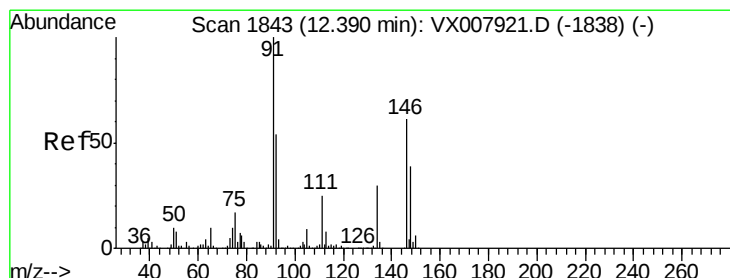
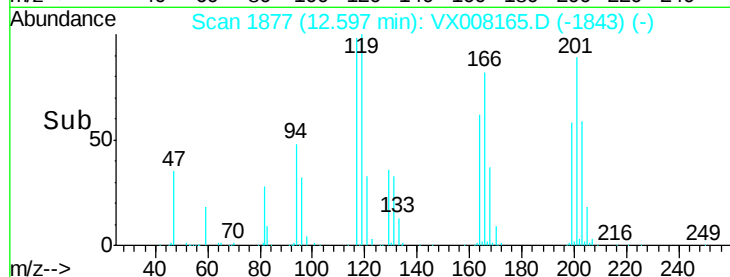
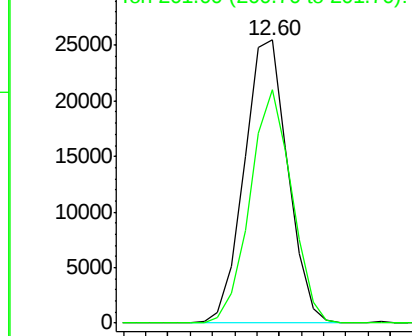
Ion Ratio Lower Upper

117 100

201 79.2 41.1 123.3



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 19.725 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

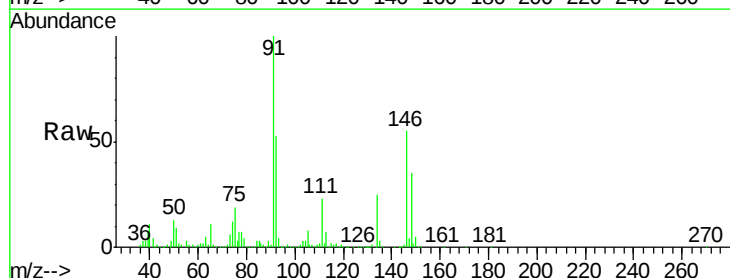
Tgt Ion:146 Resp: 104540

Ion Ratio Lower Upper

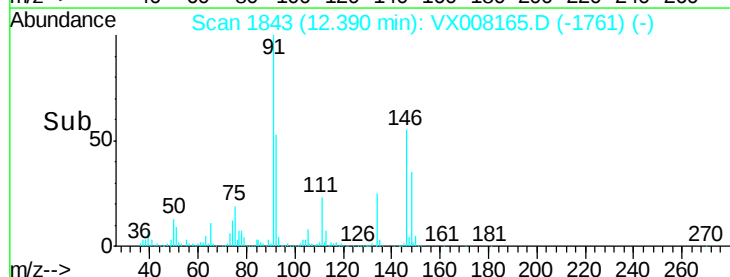
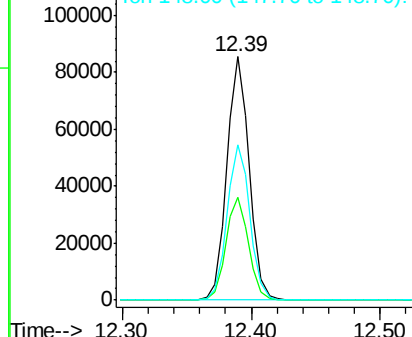
146 100

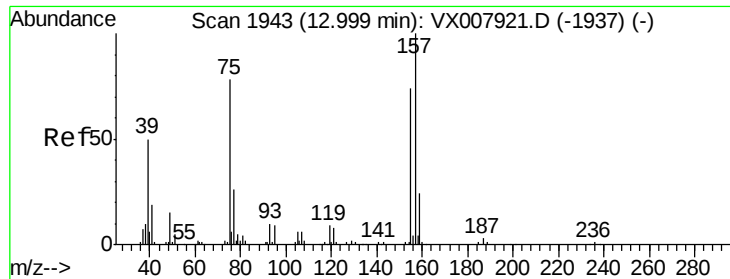
111 42.7 19.3 57.8

148 65.0 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 18.880 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031819

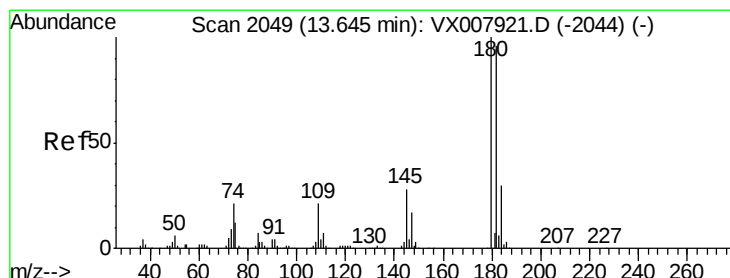
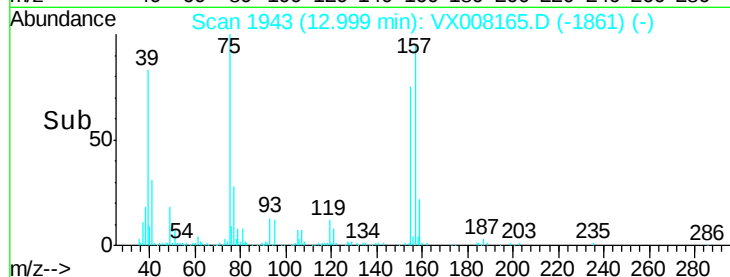
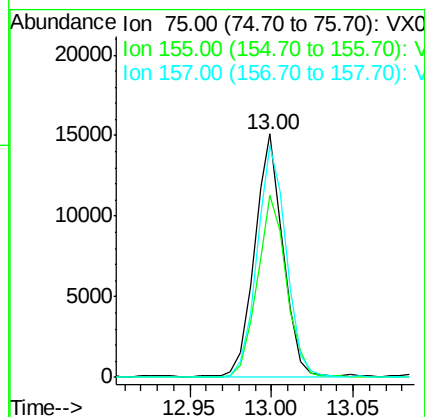
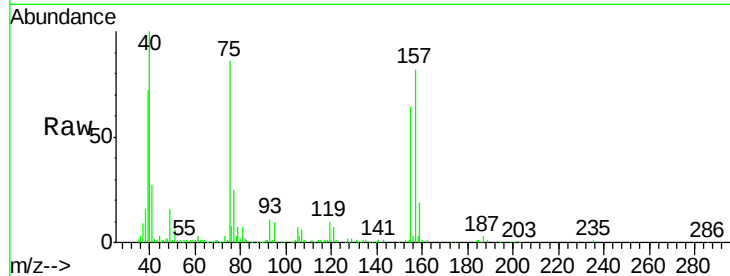
Tot Ion: 75 Resp: 18362

Ion Ratio Lower Upper

75 100

155 76.0 81.0 121.6#

157 97.0 103.2 154.8#



#89

1,2,4-Trichlorobenzene

Concen: 19.422 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008165.D

Acq: 18 Mar 2019 14:28

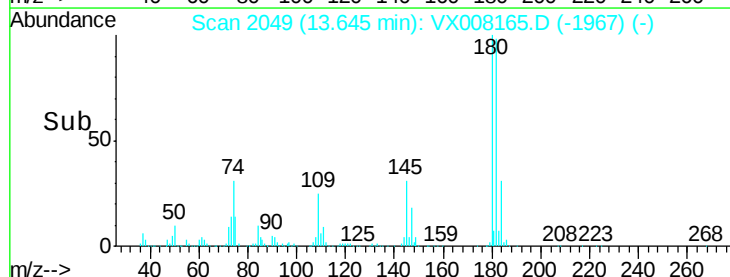
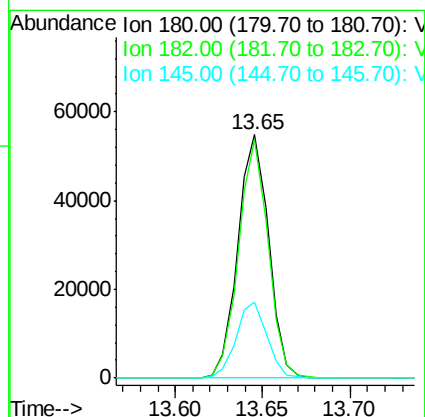
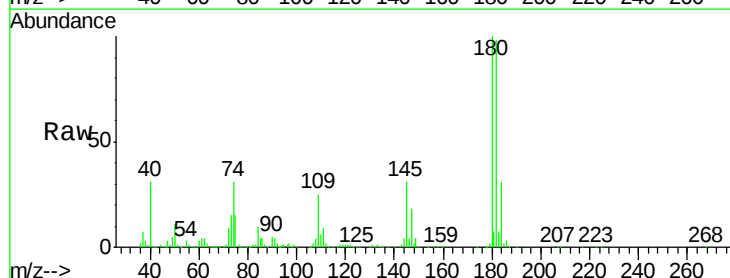
Tgt Ion: 180 Resp: 67052

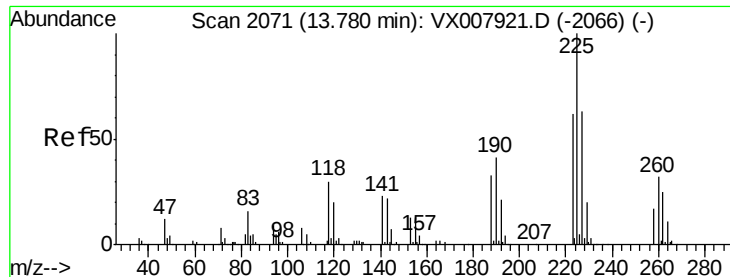
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

145 31.4 23.0 34.6

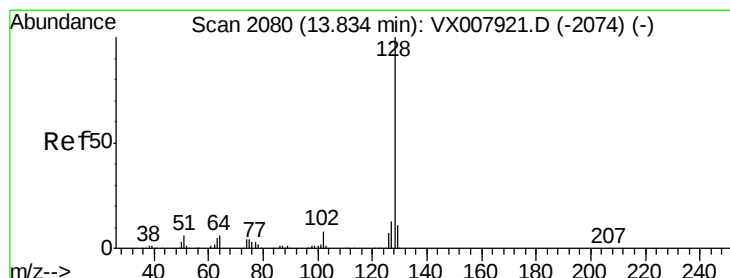
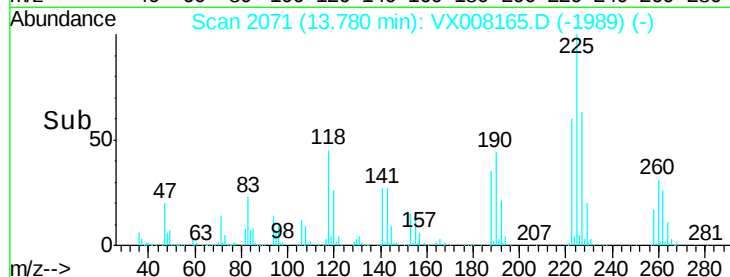
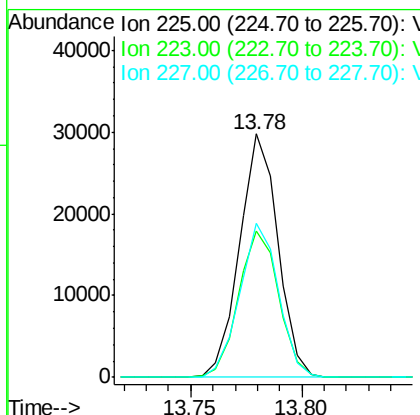
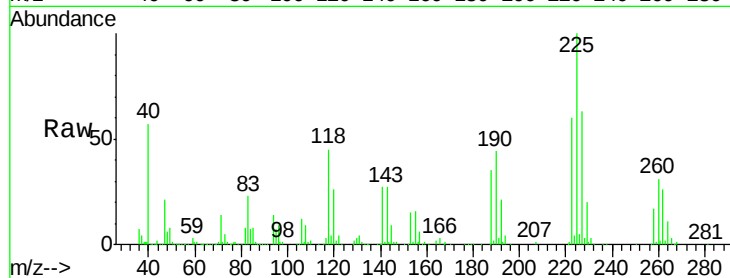




#90
Hexachlorobutadiene
Concen: 19.982 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

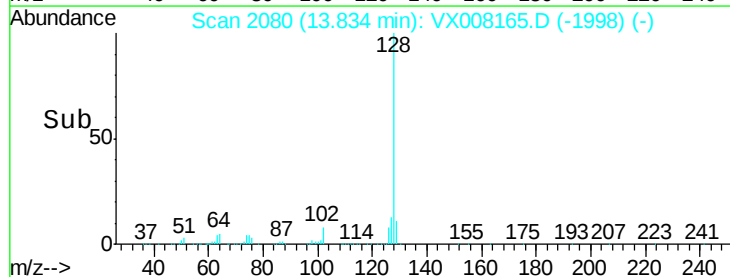
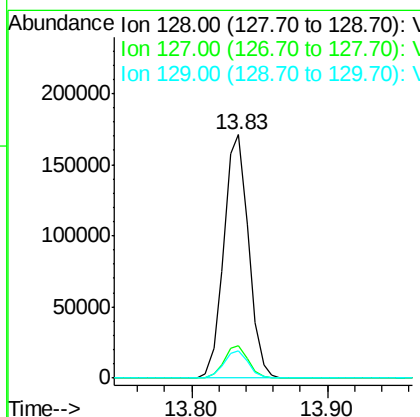
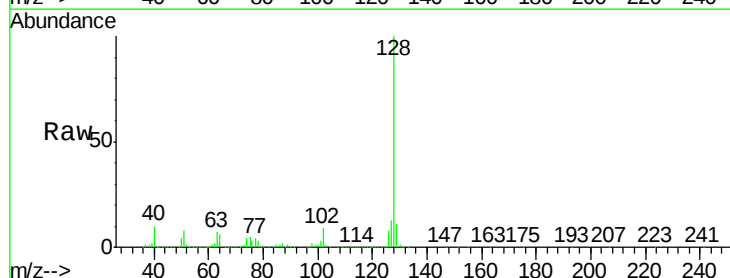
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031819

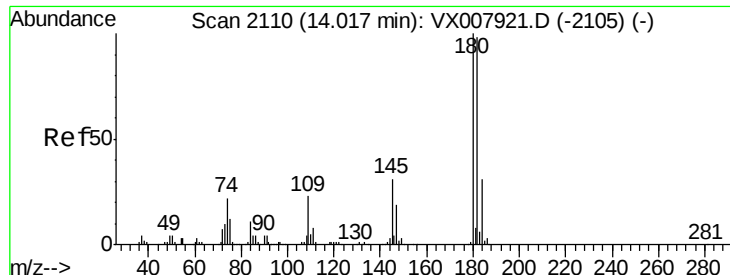
Tot Ion:225 Resp: 35800
Ion Ratio Lower Upper
225 100
223 63.0 0.0 123.8
227 64.1 0.0 124.4



#91
Naphthalene
Concen: 19.283 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008165.D
Acq: 18 Mar 2019 14:28

Tgt Ion:128 Resp: 215623
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.1 8.9 13.3

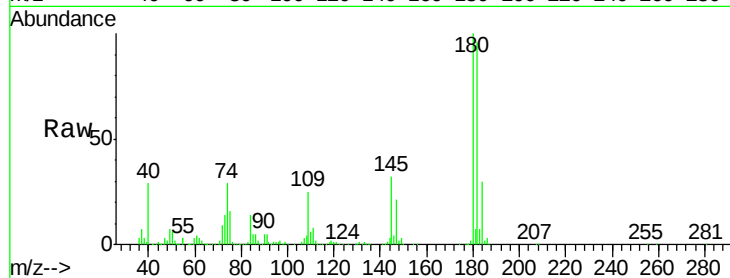




#92
 1,2,3-Trichlorobenzene
 Concen: 19.706 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX008165.D
 Acq: 18 Mar 2019 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	0.0	193.0
145	31.6	0.0	63.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

